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**SEEDS - PLANTS - BULBS**

A YEAR-ROUND CATALOG

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Signature



**FRANKLINIA**

**REX. D. PEARCE**  
MOORESTOWN, NEW JERSEY

**1949 - OFFER 51 A**



## PLEASE READ BEFORE ORDERING (Being Conditions of Sale)

Seeds and bulbs are forwarded as ready. All seeds, but not actual bulbs or live plants, are postpaid. Goods are offered subject to arrival or harvest. Because of the unstable and unpredictable conditions of the times, I reserve the right to change prices without notice.

I try to send out only good seeds, bulbs and plants, but since I have no control over the purchaser's degree of knowledge and skill, nor over the time and method of planting, nor over the care given the materials afterward, nor over climate or the weather of the particular season, I cannot be responsible for any results dependent on such factors. Should, though, stock prove untrue, or arrive in poor condition, a prompt report to me will bring quick adjustment.

Please remit by postal money order if you can. It is a thoroughly safe and inexpensive way of sending money. Be sure that clerk makes out order clearly to Moorestown, for there is another postoffice of similar name in the state. We will accept personal checks in instances where it is inconvenient to get a money order, but please do not send checks on any order of less than \$2.00. Because of the large number of personal checks we must put through, the bank makes a collection service charge, and on a too-small order this can quite take up the profit. Sometimes actual currency is sent. That is safe if letter is registered; otherwise the risk of loss is the responsibility of the remitter.

A minimum order size must be set, for due to fixed charges and packing costs, we actually lose money on the too-small orders. Smallest acceptable seed order is \$1.00. When plants or bulbs are ordered, the total value of them for forwarding at one time must be at least \$2.00.

### REX. D. PEARCE

Moorestown

New Jersey

**PLANTS AND BULBS BY MAIL**—Seeds are postpaid at catalog prices, and safe arrival of them is guaranteed. Plants and bulbs are not postpaid, and will normally be sent by express, but we will be glad to send them by mail if you will add to your remittance for them 5% for shipments to points east of Pittsburgh and north of the Potomac, 10% for points beyond these limits but still east of the Mississippi, and 15% for destinations west of that river. This additional allowance is to cover postage, and the cost of mail packing. Safe arrival in good, growable condition is guaranteed of bulbs and plants during period from April 15th to November 25th. During the remainder of the year, the general winter season, bulbs and plants are guaranteed as to arrival only, and not against freezing in transit, so if you order bulbs or plants for winter shipment, bear in mind that freezing risk is yours. We shall, though, pack carefully and warmly.

### PLANT FINDER

As a rough aid in picking out species of a particular nature, or suited for a particular purpose, we are using a series of numerals before names. These numerals have nothing to do with the key letters and numerals that appear after names, and that are explained in detail in next column. Here are the meanings of the numerals before names.

- 1—An herbaceous perennial, winter-hardy.
- 2—An herbaceous perennial, tender.
- 3—Bulb or bulb-like plant usually grown in garden.
- 4—Bulb or bulb-like plant usually grown under glass, as in window, or conservatory.
- 5—Shrub, woody-stemmed plant, hardy.
- 6—Shrub, woody-stemmed plant, tender.
- 7—Vine, hardy.
- 8—Vine, tender.
- 9—Tree, hardy.
- 10—Tree, tender.

**HARDY**, as used above, signifies that plants can be grown out of doors at Philadelphia.

**TENDER**, as used above, signifies that the species is usually grown under glass in climate of Philadelphia, as a pot plant in windows, or in greenhouses and conservatories. Further south many of these species become easy garden plants.



### KEY-LETTER EXPLANATION

- a—Requires acid soil.
- at—Prefers acidity.
- b—Suitable for the hardy border.
- bt—For backgrounds or screen plantings.
- c—The flowers cut well.
- d—Will grow in rather dry soils.
- e—Of easy culture for the beginner, if key letter and other directions are followed.
- f—Decorative foliage effects.
- g—Ground cover or carpeting plant.
- h—May be used as hedge.
- i—Useful for low edgings.
- j—Soak seed before sowing.
- k—Sow in early spring while soil is cool.
- kt—As in "k", but may also be sown in latest fall.
- l—Needs lime.
- lt—Tolerant of, or prefers, lime.
- m—Likes plenty of moisture, keep watered.
- mt—For bog garden, pool-edge or streamside.
- n—Effective for wild naturalizing.
- o—Fragrant or aromatic.
- p—For pavements, step-crevices or walls.
- r—Of value in rock garden.
- s—Prefers shade.
- st—Tolerant of either light shade or sun.
- u—May be used for windowbox, porch or urn.
- ut—Suitable for terrariums.
- w—Sow in heat, in sunny window, frame or conservatory.
- x—Sow in spring or summer, up to September. If sown in heat of summer, be sure seedbed is shaded.
- y—Sow in late autumn or even in early winter, in open ground beds or unheated frames, germination to take place in spring. These are seeds that need cold to start them, not heat. May usually be sown in early spring also, providing they have been stratified, or have received refrigerator treatment. Cultural folder sent with seeds, gives directions for this.
- yt—Seeds so marked should be sown in late autumn or earliest spring in outdoor seedbed. If sown too late in spring, they may lie dormant until following year.
- z—Requires winter protection.

**NUMERALS IN PARENTHESES** indicate season and duration of bloom, as follows: (1) early spring, (2) late spring and early summer, (3) summer, (4), late summer and early autumn, (5) all autumn, (6) late autumn, (7) winter, (8) tends to be ever-blooming, (9) grown for fruit, form or foliage, rather than flowers. **NUMERAL FOLLOWING PARENTHESES** indicates normal mature height in inches (or in feet if so specified) under good culture. A **STAR (\*)** after a name indicates a perennial that will bloom first year from early sowing.

**ANNUAL FLOWERS**, one-year kinds that come into bloom within a few weeks after the seed is sown, are indicated by a star or asterisk (\*) before the name.



## THE RARE FRANKLINIA

The FRANKLIN TREE is an attractive large shrub or small tree, easily grown, thriving under about same conditions as do the Azaleas and Rhododendrons. In full bloom it is truly beautiful, blossoms that are big, waxen, snow white cups or bowls, each centered with a golden stamen tassel. *Illustrated on front cover.* Valued doubly because it blooms in late summer and early autumn when flowers on woody plants are not plentiful. Foliage usually becomes rich scarlet as the weather grows cooler. The Franklinia grows naturally as a bushy, but upright shrub, with several branching stems. It may also be trained as a small tree by allowing but one stem to grow, and then pruning into shape as the branches form. Botanically it is *Gordonia alata*. Seeds germinate readily. They should be sown in a mixture of sand and peat, and kept well-watered at all times. Sowings may be made during the winter months under glass, germination taking place within a few weeks, or the sowing may be deferred until early spring, and made in a cold frame or out-door seed bed. 10 seeds for 25c; 50 seeds for \$1.00; 250 seeds for \$4.00. Plants, one year and up, 7 to 11 inches high, single stem, each 70c; 3 for \$1.90. Larger plants, 12 to 18 inches, that have started to branch, each \$1.00; 3 for \$2.75. Franklinia grows rapidly, and starts blooming while quite young.

## \*THE SOUTHERN STAR

Blossoms that are inch-wide stars in many-flowered sprays. The coloring, a most unusual blue of silver-veiled, pastel quality seems to have been painted on each petal. The plants grow to some fifteen inches, the stems arching so that the constellations of blue blossoms face upward. It is *OXYPETALUM CAERULEUM* (or *Tweedia*). *Illustrated opposite.* Seeds sown in open ground in April produce plants that are in bloom before end of June, constant blossoming from then until toward end of October. Also makes a pretty, long-blooming pot plant. Pkt. 20c;  $\frac{1}{8}$  oz. 35c;  $\frac{1}{4}$  oz. 60c.



## NEWER ANNUAL FLOWERS

One may keep to just the newer annual flowers and still have a colorful, all-season garden of kinds that many garden-folk do not know, and have not yet enjoyed. One such newer flower is the Southern Star (*Oxypetalum*) offered above. Others we list below. Look for the description of each of them in its proper alphabetic position in this catalog. Several of these Newer Annuals are our own introductions, first grown commercially at our Old Orchard Nursery. Anoda Opalcup; Cleome Golden; Aphanostephus or Lazy Daisy; Cassia or Gold-coin Flower; Cuphea Avalon Hybrids; Hibiscus Manihot; Incarvillea Annual; Proboscidea Blend; Star of Texas or Xanthisma; Tahoka Daisy; Viola Cliff Imp; Coral Flower. Separately these are priced at 15 or 20c the packet, but for just \$1.35 we will send one packet each of the 12 kinds. No changes. Order as NEW ANNUAL OFFER 2A9.



## CLIVIA HYBRIDS

Here are aristocrats of the Amaryllis family to be grown as pot plants. From straplike foliage rise stout stems crowned with trumpet blossoms from softest creamy yellow, through golden and burnt orange, to salmon-tinged scarlet. *Illustrated opposite.* Leaves are wide, heavy, symmetrically arranged, and plant is attractive year around. Large succulent seeds, per seed 35c; 3 seeds for \$1.00; 8 seeds for \$2.10. Young plants, not less than one year old, each \$1.00; 3 for \$2.85. These are still well under blooming size, and are intended for growing on.

## 1949 CATALOG 51A

Rex. D. Pearce  
Moorestown, N. J.

## 1 PENSTEMON AVALON HYBRID



First offering of a new, winter-hardy strain of Hybrid Penstemon, crosses of Penstemons *Murrayanus* and *grandiflorus*. Fine large flowers in *Grandiflorus* size and form, carried on yard-high stems, see *illustration opposite*. Some of them may be bluish-suffused white, others will range through pale and deep pink, coral, rose and scarlet, with variations into mauve, lilac and lavender. In a group of the seedlings, scarce two plants will show alike. Eventually many will undoubtedly be propagated by cuttings and offered as separate named varieties. The leaves are thick, crispy, blue-glaucous, stem-clasping to almost perfoliate effect. An OLD ORCHARD origination. Stock is still limited. 10 seeds for 60c; 20 seeds (customer limit) for \$1.00

## 5 NEW ABELIA DELIGHT

Blossoms of clear pink with tiny touch of yellow appear in constant succession from June to October when the fascinating HYBRID ABELIA EDWARD GOUCHER is grown as an outdoor shrub. Safely winter-hardy to at least Philadelphia, but in areas of much colder climate will need sheltered position. Sometimes it is grown as a pot plant for window or greenhouse. It makes a graceful, arching growth, and indoors it is easily kept to pot plant size by judicious pinching back from time to time. Outside it soon becomes a low shrub. Nice, young plants, branched, each 65c; 3 for \$1.75.

## 2 ABUTILON BELLS

The Abutilons are showy pot plants of easy handling throughout. Seeds grow readily. Often known as FLOWERING MAPLE from the shape of the leaves. Not related to true Maple. *Illustrated opposite.* Culture "w."

ABUTILON SPLENDID MIXED — The blossoms may be yellow, buff, orange, apricot, pink, rose or red, often with darker veinings. Easier than Geranium or Fuchsia. Seeds, per pkt. 25c; 3 pkts. for 70c; 10 pkts. for \$2.00. Plants, no color choice, but all good. Each 60c; 3 for \$1.65. When 3 are ordered, we try to give good variety.

ABUTILON STRIATUM THOMPSONI — Compact plants with yellow marbled "maple" leaves and flowers of golden orange. Plants, each 60c; 3 for \$1.60.

ABUTILON VITIFOLIUM — Cup-shaped flowers of blue-lavender. With protection, will winter outside in middle to upper South. In the North it is grown as a pot plant. Pkt. 25c.



## 3 THE ACIDANTHERAS

Decorative summer-flowering bulbs from Tanganyika and Ethiopia, to be handled in every way exactly as one would Gladiolus. The flaring, long-tubed flowers have a faint, sweet fragrance. *Illustrated page 1.*

BICOLOR — 18 inches. Rich cream with patch of chocolate are the gracefully carried blossoms, these beginning in late summer and continuing through autumn. Bulbs firm, resembling those of Freesia. Spring delivery. 3 for 50c; 8 for \$1.00; 25 for \$2.50; 100 for \$9.00.

MURIELIAE — 24 inches. This differs from the last in being a bit larger in both plant and flower. The blossom is pure white here and the starry throat-blotch is black maroon. Western Ethiopia. A valuable bulb-garden addition. Bulbs, spring delivery, each 35c; 3 for \$1.00; 8 for \$2.00.



\* **ABRONIA UMBELLATA**—edx (8)5. Showy annual trailer for full sun. Rose-colored "Verbena" flower clusters. Fragrant. Crispy foliage mats. Pkt. 15c; 1/8 oz. 25c.

8 **ABRUS PRECATORIUS**—w. Weather-vine. Interesting vine for conservatory culture. The pinnate leaves "go to sleep" in stormy weather. White to rose flowers and bright red seeds. 3 seeds for 25c; 14 for \$1.00.

6 **ACACIA BLEND**—wj. Flowers usually fluffy balls in yellows that range from palest primrose to richest golden. North, large pots or tubs. South, open ground. Pkt. 15c; 3 for 40c.

1 **ACAENA**—kt. Low New Zealand perennials, usually trailing or creeping. Rock garden or carpeting uses. **GLABRA**—Finely cut green foliage, set with clusters of red-brown flowers and seeds. Pkt. 20c. Plants, each 45c. **MICRO-PHYLLA**—Foliage of red-toned bronze. Scarlet seed-clusters. Pkt. 20c.

1 **ACANTHOLIMON GLUMACEUM**—rlkt (2-3)10. Plumelike sprays of soft pink over dense, wide mat-cushions. Cliffs of Mt. Ararat. For the sunny rock garden. Pkt. 20c.

1 **ACANTHUS MOLLIS**—ktz40. The decorative motif of the capital of the Corinthian column was suggested by the graceful foliage. Purple flowers in dense spikes. Often grown as a pot plant. If grown outside, give careful winter protection. Pkt. 20c; 1/4 oz. 35c.

## 9 RED JAPANESE MAPLE

The true Japanese Maple, **ACER PALMATUM ATROPURPUREUM**, one of the better ornamentals among the small, hardy trees. Exceedingly variable in both leaf form and coloration. Seedlings will run through green and attractive bronzings, to brilliant reds and rich purple-maroon. All will be interesting and worthwhile; some will be excellent. Soak seeds before sowing. Culture "ktj". Pkt. 20c; 3 pkts. for 50c; 1/4 oz. 60c; 1 oz. \$2.00.

## 4 ACHIMENES 3

Brilliantly hued blossoms rather in the Gloxinia reminder, but with intensification of velvety coloring. Flowers mostly in delightful tones of lavender, with variations from mauve to purple. Achimenes starts blooming in late spring, giving then several months of flowers. Usually it is grown as a pot plant, blooming year after year, the tubers increasing freely. It also does well in the garden if put in a lightly shaded position and kept well watered. The tubers are naturally rather tiny, and dry quickly when exposed to air, so we now supply them only in soil, actually growing, or ready to grow. We plant at least four in each pot, and guarantee at least three good ones (but there may be more). We offer each lot of 3 started roots (in soil), enough for a medium pot, for 60c. 3 lots, being at least 9 roots, for \$1.45; 10 lots (at least 30 roots) for \$4.50. Available early April, through June. *Illustrated opposite.*



## 1 ACONITUM or MONKSHOOD

Flowers for the hardy border or the shrub planting, showy and persistent perennials of a decided, if somewhat sombre, beauty. **FISCHERI**—the 3-foot plants become veritable bouquets of deep blue helmet-flowers in early autumn. Long-lived race of high garden merit. Plants, each 50c; 3 for \$1.40; 10 for \$4.00. **LURIDUM**—4 feet. Attractive Himalayan species with racemes of long-beaked flowers in near-red tones. Pkt. 20c. **FEROX**—60 inches. Another Himalayan with dense, terminal racemes of pale violet flowers. Pkt. 20c. **ANTHORA**—25 inches. Aconite of the Pyrenees. In this pretty species the oddly formed flowers are soft yellow. Plants, each 60c; 3 for \$1.65. **NAPELLUS**—4 feet. Attractive flower-helmets carried in showy pyramidal racemes. Usually deep blue-violet, but may vary to rose or white. Pkt. 15c; 1/8 oz. 35c; 1/4 oz. 60c. **UNCINATUM**—Rather vine-like species, showing to advantage where it may take support from other plants, as nearby shrubs. It will climb through them, and carry above them in surprising abandon, its great, streamer-decked blue helmet flowers. Shade tolerant. Plants, each 50c; 3 for \$1.40. **WILSONI**—A royal beauty, this, the plants becoming in autumn, six-foot towers of imperial violet blossoming. Pkt. 20c; 3 pkts. for 55c; 10 pkts. for \$1.65.

**ACONITUMS MIXED**—yt. Several good species in blend. Pkt. 20c; 3 pkts. for 50c.

## 1 ACHILLEA

Hardy perennials of easy handling, desirable in rock garden, border or cutting garden. Culture "k". **BOULE DE NEIGE**—14 inches. Graceful plants, long filled with intensely double blossoms like little snowballs. Cutting, edging, bedding, rock garden. Plants, each 40c; 3 for \$1.15. **TOMENTOSA AUREA**—7 inches. Dense, woolly mats of cut and curled silvery foliage, graceful golden flowers above. Rock garden, edging, carpeting. Full sun. Pkt. 25c. Plants, each 45c; 3 for \$1.25; 10 for \$3.70. **SERBICA**—(2)9. Massed, decorative rosettes of silvery foliage, set with pretty little white daisies. Use it with *Phlox divaricata* for pleasant color effects. Sun. Pkt. 20c. Plants, each 40c; 3 for \$1.10; 10 for \$3.25. **AGERATUM**—14 inches. Sweet Golden Yarrow. Wide, dense heads of golden yellow. Pkt. 15c. **ROSE BEAUTY**—25 inches. A really handsome border plant with its wide clusters of bright rose-pink flowers over foliage of emerald ferniness. It cuts. Pkt. 15c. Plants, each 45c; 3 for \$1.25; 10 for \$3.65. **TAYGETEA**—16 inches. Extraordinarily good. Fine foliage of silvered sage green, wide sprays of pale yellow flowers above. Pkt. 25c. Plants, each 60c; 3 for \$1.70. **PTARMICA THE PEARL**—27 inches. Massed sprays of little, pearl-white, double flowers. For cutting or decorative planting. Pkt. 15c; 1/8 oz. 35c. Plants, each 40c; 3 for \$1.10. **FILIPENDULINA**—45 inches. Striking perennial for the taller mixed border. Great, golden flower-clusters above green fern foliage. Pkt. 15c. Plants, each 45c; 3 for \$1.25. **OFFER 5A9**—One pkt. each of the 7 offered in seed form, for \$1.10. **OFFER 7AN9**—One plant each of the 7 so offered, for \$2.75.

**BOOKS**—We can supply most available books on gardening and allied subjects. A selection of the better ones will be found scattered through this catalog, each in appropriate position. Book prices are subject to change, as publishers' costs change, but in such instance customer will be advised before shipment is made. Prices are post-paid within United State. Add postage for other countries.

1 **ACTINEA HERBACEA**—The everblooming Lakeside Daisy. Tufted perennial to 12 inches with big flowers of tawny yellow for months. Rock garden or border. Plants, each 45c; 3 for \$1.25.

2 **ACRODON BELLIDIFLORUS**—a delightful little pot plant that is in bloom through much of the year. The blossoms are rather like those of *Bellis*, the petals soft pink, shaded rose at the tips. Triangular, succulent leaves, recurved and spreading. Plants each 40c; 3 for \$1.10.

\* **ACROCLINIUM GIANT MIXED**—eck(3)25. Everlasting Daisy. Silky blossoms, semi-double to double, in white, tones of pink, and rose. Will dry for winter bouquets. Pkt. 15c; 1/8 oz. for 25c.

**ACTEA MIXED**—bstyt(2)30. Perennials for shade. Sprays of fluffy white flowers are followed by berries that are either coral red or china-white. Pkt. 20c; 1/8 oz. 35c.

1 **ACTINOMERIS ALTERNIFOLIUS**—enbx(3-4)80. Tall and showy long-blooming perennial of late summer. Great corymbs of honey-yellow. Pkt. 15c; 1/8 oz. 25c. Plants each 45c.

\* **ADONIS ANNUA**—ekt(3-4)24. Flos-Adonis. Flowers of rich red with darker centers. Fern-like foliage. Pkt. 15c; 1/8 oz. 25c.

\* **ADONIS AESTIVALIS**—ekt(3)18. Pheasant-Eye. Quite large crimson flowers on branching plants. Pkt. 15c; 1/8 oz. 25c.

1 **ADONIS VERNALIS**—rkt(1)9. In early spring come golden flowers with many petals. Desirable low perennial. Pkt. 20c; 3 pkts. for 50c.

## 1 ADENOPHORA or SPIRE BELL

Tall campaniles, filled with bell-blossoms in coerulean tones that range from pale china-blue, to pure blue of the sky, but always with hinting of silveriness, either without or within. They are close to *Campanula*. Height runs from 25 inches up. They have a long summer blooming season. Of equal winter-hardiness with *Campanula*. "x" culture. Mixture of good species. Pkt. 25c; 3 pkts. for 70c.

**ADENOPHORA POTANINI**—eckb(3)36. Here the flowers are larger, flaring bells of deep blue-violet, and the whole plant is more in reminder of *Campanula*. An excellent border perennial of long life. This is the usual species offered under the name, and it is a good one, but there is some botanical controversy as to whether the classification is scientifically accurate. Pkt. 15c; 1/8 oz. 40c. Plants, each 45c; 3 for \$1.15.

**ADENOPHORA SPECIES**—For seeds of other, separate, *Adenophora* species, see **TREASURE CHEST OFFER**, sent on request.



1 **ADLUMIA FUNGOSA** (cirrhosa)—\*estkt(2-3)72. Alleghany Vine. Airy foliage and lacey blossoms of smoky rose. Pretty low climber. Biennial, but will maintain by self-sowing. Shade-tolerant. Pkt. 15c;  $\frac{1}{16}$  oz. 40c.

2 **AECHMEA SPECIES MIXED**—w. Unusual, ornamental Bromeliads for pot culture under glass. Diverse in foliage and flower. Pkt. 30c.

8 **ACTINIDIA ARGUTA**—ekt(2)100. Tara Vine. Desirable Korean climber with white flowers followed by sweet, edible fruits like yellow Gooseberries. Compared with the last, the fruits are somewhat smaller, but the plants are decidedly more resistant to the cold of winter, hardy well north. Pkt. 15c.



## 1 THE AETHIONEMAS

They grow on sunshot cliffs of the Lebanon, on hillsides of Armenia, in creviced ruins of Persia, jewel-like column-strewn terraces where ancient kings were proud. rikt(2-3) 6 to 10 inches. Foliage silvery to blue-gray, fine, semi-succulent. Mounded blossom clusters, from purest pink to attractive rose. Delight for the sun-drenched rock garden. Several species in mixture. Pkt. 20c; 3 pkts. for 50c.

**AETHIONEMA WARLEYENSE**—6 inches. Desirable hybrid, making wide plants with steel-blue foliage and clustered flowers of rose carmine. Plants, each 50c; 3 for \$1.40.

Who breaks the dam may not control the flood.

2 **AEONIUM HAWORTHII**—A rather good pot plant from the Canaries. Eventually there are many short, crooked branches, each ending in a rosette of thick, delta-shaped leaves, these of a rich succulence, and a finish as of silver powdering over a glossy blue-green. Eventually, panicles of little rose-flushed yellow flowers. Plants, each 40c; 3 for \$1.10.

2 **AEONIUM ARBOREUM ATROPURPUREUM**—Picturesque plants, each rugged branch ending in a big, loose rosette of rich green, deeply shaded bronze-purple. Plants only, each 40c

## AFRICAN VIOLET 2

Lovely in blossom, long in bloom, velvety in foliage. **SAINTPAULIA**, called African Violet, is one of the more desirable of window plants. Though the flowers much resemble violets enhanced and enlarged, Saintpaulia is really a cousin of Gloxinia. Pretty much ever-blooming. Plants of three varieties usually available throughout year. **BLUE BOY**—Rich, deep blue. Each 90c; 3 for \$2.60. **PINK BEAUTY**—Dainty sort with rather large blossoms of soft pink. Each \$1.00; 3 for \$2.90. **WHITE LADY**—Snowy flowers. Particularly good. Each \$1.00; 3 for \$2.90. **OFFER 8AN9**—One plant each of the three for \$2.80.

**SAINTPAULIA SEEDS**—New varieties come from seedlings. A limited amount of seed usually available in mid-spring, but orders for it will be filled strictly in rotation according to date of receipt, as long as supply lasts. Price, 50c the packet, 3 pkts. (customer limit) for \$1.40.

**AGAVE BLEND**—w. The Agaves or Century Plants have usually rosettes of thick, sword-shaped leaves, these sometimes variegated. Leaf edges may be smooth, toothed or spine-set. Quite variable, but always decorative. Rather easy culture, making handsome large pot-plant specimens. Long-lived. Pkt. 20c;  $\frac{1}{16}$  oz. 40c;  $\frac{1}{8}$  oz. 75c.

## 3 AGAPANTHUS 4

Great umbels of glorious trumpet-flowers, spread to starry form. Waxy petals, amethyst to indigo, or rarely white. The bloom is carried on stems that range between 18 and 60 inches in height. First year of blooming there may be only a few flowers but the second year up to 30 or more in the blue, and on a single stem of the Giant White we have had at Old Orchard as many as 160 blossoms. Agapanthus grows readily from seed, often blooming within the year if kept in continuous growth. It may be handled as a large pot plant, and will force for winter bloom, but usually it is grown out of doors in summer, dug in autumn, and carried over winter in a semidormant condition replanted in sand or earth in a light cool cellar. *Illustrated page 1.* Seeds in mixture, mostly varied blues. Pkt. 15c;  $\frac{1}{16}$  oz. 35c;  $\frac{1}{8}$  oz. 60c;  $\frac{1}{4}$  oz. \$1.00. **GIANT WHITE AGAPANTHUS**—Comes true. Seeds, pkt. 25c. Plants, either Blue or White, state which, at each 95c; 3 for \$2.70.

**AGAPANTHUS AFRICANUS MOOREANUS**—A dwarf, deciduous form that fits pot plant use, carrying few-flowered umbels of rich blue. Blooms through spring and into summer, passing the winter in a half-resting stage. The hardest Agapanthus, and with protection, may be wintered outside at Philadelphia. Pkt. 20c. Plants, each 65c; 3 for \$1.80.

## \* AGERATUM or FLOSS-FLOWER

This easy-to-grow, dainty and fluffy long-bloomer is one of the better edging plants, and it is good, too, for bedding or as a cut flower. Sometimes it is grown as a pot plant.

**AGERATUM BLUE BALL**—eirk(3-4)6. Low domes of intense blue. Splendid edger. Pkt. 15c;  $\frac{1}{16}$  oz. 30c.

**AGERATUM BLUE PERFECTION**—ecirk(3-4)10. Fine deep blue. Good edger, yet, with its 10-inch height, tall enough for cutting. Pkt. 15c;  $\frac{1}{16}$  oz. 30c;  $\frac{1}{8}$  oz. 45c.

**AGERATUM IMPERIAL WHITE**—8 inches. Fluffy, snow-drift, white. Cutting or edging. Pkt. 15c;  $\frac{1}{16}$  oz. 30c.

**AGERATUM FAIRY PINK**—Quite variable. At its best a dwarf, fluffy, lovely salmon pink. Pkt. 25c.

**LASSEAU XI**—eck(3)25. Fluffy, mauve pink flowers fill the branching plants. Cutting or garden decoration. Technically Eupatorium. Pkt. 20c.

**GOLDEN AGERATUM**—eick. It is really golden yellow, it does look very much like an Ageratum, and it may be used in the same way, but actually it is *Lonas inodora*. The flowers are closely clustered and fluffy, rich yellow, and planted thickly so that the height is held down to about ten inches, it makes an excellent edging. It is a long lasting flower for cutting, too. *Illustrated opposite.* Pkt. 20c; 3 pkts. for 50c.

**CUT-FLOWER BLEND**—20 inches. A taller, more branching Ageratum for cutting. Dominantly blue, with a little white and a bit of pink (*Lasseauxi*). Pkt. 15c; 3 pkts. for 40c.

**OFFER 9A9**—One pkt. each of the above for \$1.00.

**BOOK—THE AFRICAN VIOLET**—Wilson. All details of culture and care. Describes 68 named varieties. Fully illustrated. \$2.50.

1 **AGRIMONIA ODORATA**—ebostk(3)36. A pleasing perennial for any shady position, but it will do well in full sun, too. Long wands of sweetly scented little star flowers, lemon or golden yellow. Pkt. 15c;  $\frac{1}{8}$  oz. 35c. Plants, each 40c.

\* **AGROSTEMMA MILAS**—ecbkt(2-3)35. A quick and showy annual for early sowing. Wide flowers of lilac-toned violet upface on graceful, swaying spreads of long slender stems. Individual blossoms may be 3 inches in diameter. *Illustrated opposite.* Pkt. 15c;  $\frac{1}{8}$  oz. 30c.

1 **AJUGA REPTANS**—rg(2)6. Bugle-weed. Hardy perennial creeper, valued in the rock garden or as a carpeter. Low mats of close, overlapping foliage, pretty little blue flowers in shaggy spikes above. Full sun or light shade. Plants, each 40c; 3 for \$1.05; 10 for \$3.00; 25 for \$7.25.

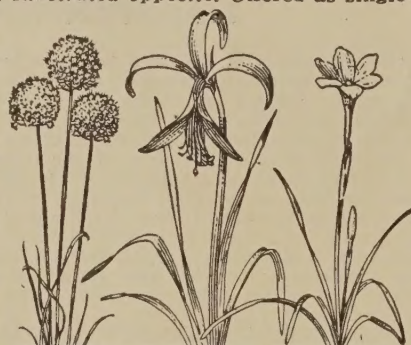
7 **AKEBIA QUINATA**—k. Handsome ornamental vine of full perennial hardiness. Fragrant purple flowers, followed by showy fruits. Good porch vine. Pkt. 15c.



## 1 ORNAMENTAL ALLIUMS 3

Always fascinating are these hardy rock garden and border perennials. They make decorative cut flowers. Culture "kt".

**AZUREUM**—(3)30. Purest of blues are the big ball-clusters, azure of summer skies. *Illustrated opposite.* Offered as single-crown plants that will increase to small clumps in first year. Each 35c; 3 for \$1.00; 10 for \$2.80. **ALBOPILOSUM**—(3)36. Handsome Persian species with great clusters of lilac florets. Pkt. 20c. **AMMOPHILUM**—(2-4)20. Loose clusters of pretty lavender stars. Fine long-bloomer that will endure heat and drought. Rock garden or edgings. Pkt. 20c; 1/16 oz. 35c. Plants, each 40c; 3 for \$1.05; 10 for \$2.90; 25 for \$6.50. **CYRILLI**—(2)20. In rather early spring the close, tufted plants, carry on many slender stems, multitudes of fluffily dense blossom-heads in brightest rose. A desirable hardy perennial. Pkt. 20c. Plants, each 40c; 3 for \$1.05; 10 for \$2.90; 25 for \$6.50. **AUGUST BEAUTY**—(3)25. Splendid horticultural variety. Large, ball-like clusters of starry florets in brightest lavender-violet. Smooth, shining foliage. It cuts. In bloom all through August. Plants, each 50c; 3 for \$1.40. **FARRERI**—(2-4)9. A dainty and pretty rock garden Allium. Nodding, one-sided clusters of little, rich purple bells. Plants, each 50c. **FLAVUM**—(2)10. Bells of buff-yellow, tawny in reverse, carried in loose clusters. Pkt. 25c. Plants, single crown, but will soon increase to clumps, each 40c; 3 for \$1.10. **KARATAVIENSE**—(2)12. Basal leaves to 5-inch diameters of red-tinged blue-green with metallic sheen. Dense, wide clusters of palest lilac flowers. A unique species. Pkt. 25c. **THE MT. CENIS ALLIUM**—An 8-inch, rock garden jewel. Many dainty diadems of rosy amethyst. Plants, each 45c; 3 for \$1.15. **MOLY**—(2)12. In June come massed clusters of upfacing bell-flowers in deep, golden yellow. Hardy and long-lived. Plants, single crown, each 30c; 3 for 80c. **NEAPOLITANUM**—16 inches. Clusters of snowy white flowers with darker stamens. Desirable for winter forcing. Pkt. 20c. **OREOPHILUM**—(3)16. Fine garden species from mountains of Daghestan. Great, airy, shimmering dome-clusters in opalescent lavender to near-violet. Good foliage. Pkt. 15c; 1/16 oz. 35c. Plants, each 40c; 3 for \$1.10; 10 for \$3.25. **PYZEWALSKIANUM**—(2)9. Rock garden charm from China. Loosely clustered violet star-flowers. Rare. Plants, each 60c. **PULCHELLUM**—Brightly showy species with flowers of vivid rose-violet in informal clusters, effect of exploding raspberry jam. Pkt. 15c; 1/8 oz. 40c; 1/4 oz. 70c. Plants, each 40c. **SPHAEROCEPHALUM**—(3)27. The fluffily dense flower-globes of rich mulberry-maroon are held high on slender stems. Pkt. 20c. Plants, each 40c. **STEL-**



ALLIUM  
AZUREUM

AMARYLLIS  
FORMOSISSIMA

COOPERIA  
PEDUNCULATA



ALLIUM  
TANGUTICUM

**LARIANUM ALBUM**—(4)20. September bloomer with big clusters of fragrant, white star-flowers. Effective in mixed border. Pkt. 20c. Plants, each 40c. **STELLATUM**—(4)20. Flower-clusters of a richly attractive rose pink come in late summer and early autumn. A good one. Pkt. 20c; 1/16 oz. 35c. Plants, each 40c; 3 for \$1.10. **TANGUTICUM CROWN LAKE**—(4)18. Lavender Globe-lily. Starry clusters of purest lavender, densely packed in big clusters. No more handsome Allium. Plants each 45c; 3 for \$1.20; 10 for \$3.10. **TANGUTICUM AVALON**—(3)27. Loose, open globes of mauve-lavender stars. Earlier, and a bit taller, than the variety Crown Lake. Nice for cutting. Plants each 40c; 3 for \$1.10; 10 for \$3.20. **TANGUTICUM BLEND**—(3-4)16-28. Variable, but always decidedly good. *Illustrated above.* Recommended for rock garden, landscape work, or for cut-flower use. Pkt. 20c; 1/8 oz. 25c; 1/4 oz. 90c. **TUBEROSUM**—ecrbkt(3)25. Wide, upfacing umbels of white star-flowers, delicately perfumed. Cuts well. Pkt. 15c; 1/16 oz. 30c. Plants, each 40c. **UNIFOLIUM**—(1-2)10. Dainty and pretty lavender-rose stars before the leaves. Early spring delight. Pkt. 20c; 1/16 oz. 40c. **VALIDUM**—(3-4)25. Big lavender clusters over shining foliage. Stream sides or damp places. Pkt. 20c. Plants, each 40c; 3 for \$1.10.

**OFFER 10A9**—One pkt. each of the 15 Alliums offered in seeds, for \$2.55. **OFFER 11A9**—One plant each of the 19 species offered in plants, for \$6.75.

**ALLIUM ORNAMENTAL BLEND**—Seeds of those so offered above, with others. Pkt. 15c; 1/16 oz. 25c; 1/8 oz. 40c; 1/4 oz. 75c. See **TREASURE CHEST** for other Alliums.

**IRIS SUSIANA**—Rare, handsome Iris of south Persia to Palestine, best handled as a pot plant. Big, decorative flowers of silvery gray, closely stippled in dark brown. It rests in summer. Each \$1.75.

## 3 ALSTROEMERIA BEAUTY 4

Great sheafs of blossoms in wide range of colorings. Though called Lilies, they really belong to the Amaryllis family. They grow from masses of brittle, tuberous roots, and at old Orchard, seem to be pretty much winter hardy. We give them a mulching of straw in late autumn, removing part of the straw in spring, but leaving the rest about the roots through the summer to give the cool soil in which they delight. So handled the plantings get larger and finer each year, and when the Alstroemerias are in bloom, there is nothing in the Nursery more decorative, more gorgeous. In very cold regions the roots can be dug in autumn and cellar-stored over winter in sand, but that is not necessary here in New Jersey. Alstroemeria grows well from seed "kt" culture, often giving a few blossoms first year. Sometimes, though, the seed lies over to the second spring before germinating.

**AURANTIACA**—Showy flowers, soft yellow to rich orange, the upper petals carmine splashed. *Illustrated here.* Fully adaptable to garden culture. We have open ground plantings at Old Orchard that were made some 18 years ago, and that are still thriving and blooming. Pkt. 20c; 1/8 oz. 40c; 1/4 oz. 75c; 1 oz. \$2.75. Plants, spring delivery, each 45c; 3 for \$1.20.



ALSTROEMERIA AURANTIACA

**CHILENSIS**—22 inches. Bright blossoms in pink and in tones of rose or red, often with hint of attractive orange suffusions. Sometimes cream or salmon forms appear. Excellent either in the garden, winter-hardy well north if protected with straw or leaves. Also does well as a pot plant under glass. Pkt. 20c; 1/8 oz. 45c; 1/4 oz. 80c; 1 oz. \$2.90. Plants, potted, spring delivery, each 60c; 3 for \$1.65.

**THE RARER ALSTROEMERIAS**—Less usual kinds that are just as easy to grow as the two offered above. **HAEMANTHA**—35 inches. Handsome species with rather large flowers, the outer segments red with green tips, the inner ones showing ones showing blended tones in orange effect, purple-dotted. Pkt. 30c; **HOOKERI**—A dwarf, upright grower that does particularly well as a pot plant, blooming under glass February into late July. Blossoms soft pink, with markings of carmine and touch of white. Pkt. 30c. **LIGTU HYBRIDS**—24 inches. Delightfully variable, with blossoms that may be white, pink or rose, often with apricot and orange tones. It winters outside at our nursery. Also forces well. Pkt. 25c. **PELEGRINA**—16 inches. Lily of the Incas. Flower usually lilac rose with purple splashing, but sometimes all unmarked, pure white. Pkt. 30c. **PULCHELLA**—Parrot Lily. Four-foot stems carry whorls of uneven trumpets in rich red, with green tips. Long in bloom. Pkt. 20c. Plants, spring, each 50c. **TRICOLOR**—Dainty dwarf with white petals, marked yellow and maroon. Pkt. 30c. **VIOLACEA**—22 inches. Rare. Flowers of bright lilac, with hint of tawny and flush of violet. Pkt. 30c. **OFFER 12A9**—One pkt. each of the above, including Aurantiaca and Chilensis, for \$2.00.

**ALSTROEMERIA BLEND**—Fine mixture, heaviest in Chilensis and Aurantiaca, but including a bit of each of the kinds above. Pkt. 20c; 1/8 oz. 45c; 1/4 oz. 80c; 1 oz. \$2.90.



**8 ALLAMANDA CATHARTICA**—w. A handsome conservatory vine with three-inch funnel-flowers of richest yellow. Called "finest climbing plant in cultivation". Pkt. 20c.

**1 ALCHEMILLA SPECIOSA**—erx(9)9. Lady's Mantle. Hardy rock garden or edging perennial, grown for the attractive foliage, the leaves showing a silky, silvery sheen. Little creamy flowers. Pkt. 20c.

**2 ALOE**—The Aloes make handsome, long-lived pot plants that get bigger and finer year by year. **BREVIFOLIA**—The Pearl Aloe. Deep-piled and thick rosettes of triangular, pearl-gray leaves with blue overcast. Red flowers. A good one. Plants only, each 45c. **VARIEGATA**—Tiger Aloe or Partridge Breast. The thick, three-cornered leaves of darkest green are contrastingly white marbled and edged. Tubular, orange scarlet flowers. Seeds, pkt. 20c. Plants, each 40c. **CILIARIS**—Here the thick green leaves are widely spaced on the straying stems in quite un-Aloelike fashion. A free, easy and colorful annual bloomer, blossoms like clusters of red firecrackers. Plants only, each 45c. **OFFER 6AN9**—One plant each of the three for \$1.20.

**2 ALOE BLEND**—w. Few more satisfactory decorative pot plants than these, and the variation in form and color tone among them is rather amazing. Some of them have bright flowers. Pkt. 20c; 3 pkts. for 50c; 10 pkts. for \$1.50.

**2 ALOYSIA or LEMON VERBENA**—w. Grown for the perfumed foliage, this used with other cut flowers to give non-cloying fragrance. Usually handled as a pot plant, but may be set outside in summer if desired. Pkt. 25c; 3 pkts. for 70c.

**ALTHAEA TAURINENSIS**—ebx(2-4)70. Good hardy perennial for the mixed border. The several branching stems carry blossoms of rose pink, each flower from 1½ to 2 inches across. Ashy foliage. Long-lived. Pkt. 15c; ¼ oz. 30c.

**\* AMARANTHUS MOLTE FIRE**—50 inches. Richly colored annual foliage plant for garden or specimen effects. Maroon foliage, each branch topped with a flaming radiation of crimson floral leaves. Easy from seed. Pkt. 15c; ¼ oz. 25c.

**\* AMBERBOA MURICATA**—ecbxd(2-4)30. This easy, free-blooming annual is called Star of the Dessert, for it comes from dry, hot wastelands of Spain and North Africa. The blossoms are 3-inch lace-stars of pale purple, with creamy centers, carried in host-profusion in myriad slender stems above rounded bushiness. In constant bloom for months. It cuts well. Pkt. 15c; ¼ oz. 25c; ½ oz. 40c.

**\* AMBLYOLEPIS SETIGERA**—k(2-3)15. Honey Daisy. From late spring until late summer it carries a wealth of pretty, inch-wide daisies of soft yellow, daintily fragrant. Pkt. 15c.

**\* AMBROSIA**—ecofx(8)20. Graceful green "ostrich plumes" for cut flower effects. Decorative; pleasingly aromatic. Called Feather Geranium, but botanically a Chenopodium. Effective annual edger. Fine seeds. Pkt. 15c; ¼ oz. 25c; ½ oz. 40c.

## 1 ALYSSUM FOR SILVER AND GOLD

Low perennials of fullest hardiness, decorative for rock garden, beds, or edgings. "x" culture.

**ARGENTEUM**—(2)10. Silvery foliaged bushlets are mantled with delightful flake-flowers of citron yellow. Pkt. 20c; 3 pkts. for 50c. Plants, each 50c.

**SAXATILE COMPACTUM**—(2)10. Basket of Gold. Multitudes of brilliantly golden flowers seem poured over silvery foliage. Pkt. 15c; ½ oz. 35c; ¼ oz. 60c. Plants, each 45c.

**SAXATILE CITRINUM**—Here the blossoms are pale lemon or citron yellow. Otherwise like last in every way. A plant to be desired. Pkt. 20c; 3 pkts. for 50c.

**SPINOSUM**—(3)9. Rare, distinctive Alyssum from mountains of Spain. Close mounds of stiff, silvery foliage are set over with pink-tinged white flowers. Full sun. Pkt. 25c.

**MONTANUM**—(2)8. Tufted mounds of gray-green foliage carry lax sprays of bright yellow flowers. Pretty rock garden or edging species. Pkt. 20c; 3 pkts. for 50c.

**OFFER 15A9**—One pkt. each of above for 90c.

## \*SWEET ALYSSUM

The Sweet Alyssums (Lobularias) are free-blooming annuals of easiest culture, valued for edgings, borders, pot culture, rock gardens, window boxes, bedding.

**ALYSSUM CARPET OF SNOW**—eik(2-4)4. A veritable, fragrant, snowy carpet. Pkt. 10c; ¼ oz. 30c; ½ oz. 50c.

**ALYSSUM VIOLET QUEEN**—eik(2-4)6. A row of it is a honey-scented ribbon of rich, deep violet. Practically ever-blooming. Pkt. 15c; ½ oz. 30c.

**ALYSSUM LUTESCENS**—Here the flowers are of a soft cream or straw yellow tone. Pkt. 10c; 3 pkts. for 25c.

**\* ANAGALLIS BLUE**—eiruk(2-4)8. Inchwide flowers of brilliant blue over a long season. Desirable for edging or for bedding. Pkt. 10c; ½ oz. 25c.

**\* ANAGALLIS MIXED**—eiruk(2-4)8. True Pimpernel. Low, undulate color, lilac, bright blue, scarlet. Pkt. 10c; ½ oz. 25c.

## 2 HOUSE PLANT SURPRISE 6

Delightful amazement here. Seeds of perhaps a hundred different ornamentals suitable for pot culture in sunny window or greenhouse, have gone into this blend. Many are rare, unusual. Sift fine seeds from the coarse before sowing, since latter will need deeper covering. Allow for varying germination times. Pkt. 30c; 3 pkts. for 80c.

## 3 AMARYLLIS 4

To horticulturists Amaryllis is still a living name, but to botanists it is now but a memory and a milestone.



AMARYLLIS HYBRIDS

**AMARYLLIS GIANT HYBRIDS**—w. Magnificent flowers, great expanded trumpets in rose, scarlet, crimson, all one color, or more often with white star-throats, or great splashes and barrings of white. There is no more spectacular flowering bulb for pot culture, and that culture is easy, too, easy enough for any sunny window. *Illustrated opposite.* Seeds saved from fine selected plants. 10 seeds for 25c; 50 for \$1.00; 100 for \$1.75; 250 for \$3.75; 500 for \$7.00. Bulbs available throughout year, except during July and August. Each 70c; 3 for \$2.00; 10 for \$5.60; 25 for \$12.50. Mixed colors only. Technically Hippeastrum, but most know it as Amaryllis.

**THE WHITE ARGENTINE AMARYLLIS**—This rare species carries long, trumpet-shaped pure white flowers on stems to 30 inches. Sweetly perfumed. Blooms in summer. Botanically **HIPPEASTRUM CANDIDUM**. Altogether lovely and desirable. 2 seeds for 45c; 5 seeds for \$1.00.

**LILY OF THE PALACE**—This is the name given long ago to stately, fragrant Hippeastrum aulicum (Amaryllis aulica). Flowers large and particularly handsome, bright crimson, but the base of each petal is a bright green, with small red-purple blotch where the crimson and green meet. 3 seeds for 40c; 9 seeds for \$1.00.

**HIPPEASTRUM JOHNSONI**—Deep red flowers with narrow, white stripe on each petal. One of the easier Hybrid Amaryllises, doing well as a window pot plant. Will also bloom in garden. Bulbs, each 60c; 3 for \$1.70.

**AMARYLLIS BELLADONNA**—w(k) (4)20. The Beautiful Lady. Perfumed, clustered flower-trumpets, soft pink to deep rose. Makes a delightful window or porch plant, but as far north as Philadelphia it is also garden-hardy. With heavy winter mulching it may indeed be wintered outside much farther north. Bulbs available June to October, each 70c; 3 for \$1.90; 10 for \$5.60. Technically Brunsvigia rosea.

**AMARYLLIS FORMOSISSIMA**—This showy, easy bulb-flower is often called "The Garden Amaryllis," for it does very well just grown in the summer garden in manner of Gladiolus, being also dug and stored in autumn in Gladiolus fashion. Often within three weeks after the spring planting of it, the great fantastically formed blossoms will be appearing, flowers of velvety crimson, gold-glimming with pollen dust. Botanically this is **SPREKELIA FORMOSISSIMA**, and other names for it are Mexican Fire Lily, Inca Lily and Jacobean Lily. By the way, you can grow it in pots indoors, too. Then it blooms in late winter. *Illustrated opposite page.* Bulbs, each 55c; 3 for \$1.50; 10 for \$4.50.

## 3 AMORPHOPHALLUS 4

**AMORPHOPHALLUS RIVIERI** (Hydrosome)—A bizarrely decorative plant for the summer garden, called there Leopard Palm, from the graceful form and odd spotting of it. Dig the tubers in late autumn, and store. At touch of light in February or March, without benefit of soil, they will rocket forth curious flowers, spadix of maroon, spathe of rose-tinged green; exotic, unconventional. Tubers only, two-inch diameters and up, each \$1.25; 3 for \$3.50; 10 for \$10.00. These tubers are still under blooming size, but they are growing up fast, and meanwhile will quite pay their way in fantastic, decorative effects in the summer garden.



**5 AMELANCHIER STOLONIFERA**—kt(1)40. It is the June-berry, a two-purpose shrub. Panicles of snowy spring bloom. Then big, luscious berries like the cultivated blueberries, but darker, and rather sweeter and richer. Pkt. 15c; 3 for 40c.

**2 AMELLUS LYCHNITES**—\*w(3)8. Showy blue daisy with gray-downy foliage. Usually grown as a pot plant, but may also be started early for garden bloom. Pkt. 20c.

**5 AMORPHA FRUTICOSA**—k(2)75. Easy shrub with feathery foliage and a vast number of dense spikes of black-purple flowers, with golden anthers. Pkt. 15c; 1/8 oz 30c.

**1 ANDROSACE LANUGINOSA**—Slender, prone stems radiate from the crown, each ending in a silvery rosette from which rise dense Verbena-like clusters of pretty little rose-colored flowers, the whole not above four inches of height. Eventually forms small, open mats. Pretty and hardy rock garden species from the Himalayas. Plants, each 50c; 3 for \$1.40.

**1 ANEMARRHENA ASPHODELOIDES**—ebkt(3)60. Chinese Asphodel-cousin. Decorative sheafs of narrow, glossy foliage. Tiny rose-purple flowers. Pkt. 25c. Plants, each 50c.

**1 ANEMONELLA THALICTROIDES**—rstyt(1-2)9. The airy Rue Anemone. Exquisite flowers, snowy white or with faint hint of blush, above Maiden-hair Fern foliage. Tolerates sun, likes shade. Pkt. 15c.

## 1 BLUE STAR OF TEXAS

**AMSONIA TABERNAEMONTANA**—enbtx(2-3)28. An easy hardy perennial that thrives in either full sun or partial shade. The many willowy stems end in panicles of starry blossoms in soft blue, *Illustrated opposite*. Good foliage, attractive the entire season. Pkt. 15c; 1/8 oz. 30c; 1/4 oz. 50c. Plants, each 40c; 3 for \$1.10; 10 for \$3.30. The original Star of Texas.

**AMSONIA MONTANA**—erbstx(3)15. A lower, more densely growing species of high merit, suitable for the rock garden, or the front of the hardy border. Sprays of pale blue, starry flowers. Good foliage. A really choice plant for either sun or light shade. Pkt. 25c. Plants, each 55c.



AMSONIA  
TABERNAEMONTANA

## 1 ANCHUSA or ALKANET

Decidedly decorative perennials, easy from seed, sometimes giving bloom season of sowing. Culture "x".



ANCHUSA  
AFFINIS

**AFFINIS**—ebx(2-4)40. Uncurling racemes set with blue-violet stars, each with a white center. Long in bloom. *Illustrated opposite*. Pkt. 15c.

**AVALON HYBRIDS**—Plants have hardiness, heights and uses of Affinis, but with a color range that extends to rose, soft pink with carmine star, cream, primrose, pale blue suffusions, indigo, black-violet and the like. Desirable in mixed hardy border. Long-lived. Pkt. 20c; 1/8 oz. 30c; 1/4 oz. 45c. Plants, mixed only, each 50c; 3 for \$1.40.

**ITALICA**—(2-3)45. The largest flowered. Showy fountains of brilliant blue. Handsome species, easy from seed. *Anchusa azurea*. Pkt. 15c; 1/8 oz. 25c; 1/4 oz. 40c. 1 oz. \$1.40.

**SEMPERVIRENS**—erbx(2-3)15. Erect plants with upfacing sprays in the richest, most vivid of blues. Particularly good. (*Pentaglottis sempervirens*). Pkt. 20c. Plants, each 50c.

**ANCHUSA MYOSOTIDIFLORA**—erstk(2)10. A beauty of the Caucasus that delights in a cool, shady corner. Above low masses of big, heart-shaped leaves come loose, airy sprays of blossoms in what might be called a Forgetmenot blue were it not even brighter than that. A hardy, long-lived perennial for sun or shade. (*Brunnera macrophylla*). Pkt. 25c; 1/8 oz. 75c. Plants, each 55c; 3 for \$1.50; 10 for \$4.70.

**OFFER 16A9**—One pkt. each of the 5 for 75c.

## \*ANNUAL ANCHUSA

Two blue beauties to be grown as annuals. No flower easier, few bluer. **CAMPENSIS BLUEBIRD**—ebx(3)20. Here are blossom constellations in blue of Gentian vividness, each flowerlet with a tiny white center. Long in bloom. Sow much of it. Pkt. 10c; 1/8 oz. 20c; 1/4 oz. 35c. **RIPARIA**—ecbx(2-4)34. Darker blue than the last, a rich and glowing ultramarine. Many graceful fountain sprays. Pkt. 15c; 3 for 40c.

## 1 ANEMONE or WINDFLOWER

The Anemones will delight in rock garden or in border, in full sun or in light shade. "kt" culture.

**ALPINA**—(1-2)6. Flowers usually snowy white, but sometimes creamy. Often there is a hint of purple shading on the petal reverse. Foliage fernlike. Pkt. 20c; 1/8 oz. 35c; 1/4 oz. 55c; 1/2 oz. \$1.00.

**BLANDA**—(1)7. Grecian Windflower. It blooms at first breath of spring, tufted foliage mounds set profusely with wide rayed starry flowers in the most brilliant and startling of blues. *Illustrated opposite*. Fully hardy at Old Orchard. Pkt. 25c; 3 pkts. for 70c.

**CANADENSIS**—(2)15. Long spring showing of big star-blossoms in purest white. A handsome and adaptable Windflower. Pkt. 15c; 1/8 oz. 35c. Plants, each 45c.

**CORONARIA**—(1-2)12. There are few gayer flowers than this, blossoms of vivid scarlet, brilliant blue, heliotrope, rose, pink, salmon, crimson, white. Large single blooms. Needs winter protection in cold climates, or can be grown as a pot bulb. Pkt. 15c; 1/8 oz. 30c; 1/4 oz. 50c. Tubers, available both fall and spring, fine mixture, 10 for 70c; 25 for \$1.50.

**CORONARIA ST. BRIGID**—Seedlings of this strain are likely to have large double flowers. Same fine color range, same habits as the last. Pkt. 20c; 3 pkts. for 50c. Tubers, all double-flowered strain, fall or spring delivery. 3 for 35c; 10 for \$1.00.

**NARCISSIFLORA**—(2-3)18. Massed loveliness of clustered blossoms, usually of purest white, but again with faint color suffusions. Pkt. 15c; 1/8 oz. 30c; 1/4 oz. 50c.

**PULSATILLA**—rbkt(1-2)15. A handsome species of fullest enduring hardiness. Great purple cups, centered with golden tassels, set in green ruffs. Long-lived, getting better and showier year by year. Pkt. 20c; 1/8 oz. 35c. Plants, each 45c; 3 for \$1.20; 10 for \$3.70.

**PULSATILLA ALBA**—Like the last in every way except that the flowers are pure or tinted white. Pkt. 20c.

**PULSATILLA RUBRA**—Consider it a Pulsatilla with flower-cups in a dark and velvety crimson-violet. Pkt. 20c.

**RIVULARIS**—(3-4)40. The Great Windflower of India is of fullest winter hardiness at our Nursery. Big, starry flowers, white above and purple below, are carried on tall, wide-branching plants. Pkt. 20c; 1/8 oz. 60c.

**SULFUREA**—(1-2)7. A pleasing Windflower with flowers from cream to near lemon. Pkt. 20c; 1/8 oz. 35c.

**SYLVESTRIS**—(2-3)15. The lovely Snowdrop Anemone. Perfumed, nodding flowers, long in bloom. Shade-tolerant, but with straw about the roots to keep the soil cool, it will thrive in sun, too. Pkt. 20c. Plants, each 45c; 3 for \$1.25.

**VITIFOLIA**—(4)36. Himalayan Windflower. Rather large pink-suffused flowers, rosy in reverse. Related to *A. japonica*, but blooms much earlier, and has great hardiness. Needs no winter protection. Pkt. 20c.

**OFFER 17A9**—One pkt. each of the above for \$2.10.

**ANEMONE BLEND**—Splendid mixture, most of those here, with others. Pkt. 20c; 3 pkts. for 50c; 10 pkts. for \$1.65.

## 1 ANEMONE JAPONICA

Great long-stemmed blossoms in white, cream, rose or pink, a glorious "spring-in-autumn" flower. Blooming starts in late summer, continuing well into the fall. *Illustrated opposite*. 30 inches, "yt" culture. Pkt. 20c; 3 pkts. for 50c. Plants also available for three fine sorts. **QUEEN CHARLOTTE**—Big semi-double flowers in clear La France pink. Plants, each 65c; 3 for \$1.80. **MARIE MANCHARD**—A snowy beauty. Semi-double flowers of purest white. Plants, each 65c; 3 for \$1.80. **ALICE**—Big, single flowers of a deep, rich rose, not far from red. Plants, each 65c; 3 for \$1.80. **OFFER 18A9**—One plant each of the three Japonicas, with one of *Hupehensis*, for \$2.45.



**ANEMONE HUPEHENSIS**—(3)15. A Chinese race, close to *Japonica*. Particularly early and free-blooming. Neat, compact plants of upright habit, that become sheafs of flowers. The blossoms are bright pink above, rich rose in reverse. Pkt. 20c. Plants, each 65c; 3 for \$1.80.



**2 ANIGOZANTHOS MANGLESII**—w. The strange "Kangaroo Paw" of Australia, an interesting, decorative pot plant. The blossoms are clusters of downy tubes that expand toward starry form, the coloring rich crimson tipped with emerald green. The stems are covered with a downiness like crimson velvet. Blooming season is summer. Pkt. 25c.

## 2 THE ANGELON



It is **ANGELONIA SALICARIAE-FOLIA**, but in South America where it is a favorite, it is called the Angelon. Many handsome racemes of bright blue flowers, these with an irregularly formed corolla that suggests a face. Easy to handle. Apple-scented foliage, soft green, willowy. A satisfactory window, porch or conservatory plant. *Illustrated opposite.* Plants, each 60c; 3 for \$1.60.

**THE BOOK OF ANNUALS**—Hottes. How to grow 150 annual flowers. Descriptions, heights, colors, uses, season of bloom. 122 illustrations, 180 pages. \$2.00.

## 4 ANOMATHECA 3

A pretty bulb-flower that is quite quick and easy from seed, blooming within a few months after sowing. Rather good flowers of rosy red with maroon markings. Does splendidly in pots, given Freesia handling. Botanically it is **LAPEIROUSIA CRUENTA**. ew(7-1)10. Pkt. 20c; 3 for 50c.

## \* ANODA or AMAPOLITO

Quick, long-blooming Annual of easy growing and a high attractiveness. Sow early and you will have blossoms by first week of June, continuing then until late autumn freezes. It is in late summer and early autumn that it reaches its best effect. *Anoda lavateroides*.

**ANODA OPALCUP**—ecbx(8)48. Crinkly lustrous chalice-flowers in that delightful opaline borderland that lies between blue and pink. Pkt. 15c; 1/8 oz. 25c; 1/4 oz. 35c.

**ANODA SNOWCUP**—ecbx(8)35. Blossoms of glinting new-snow whiteness. Plants grow in even, oval, formal effect, as though they had been trimmed into shape. Good as spaced specimens, or as a hedge. Pkt. 15c; 1/8 oz. 25c; 1/4 oz. 40c.



## 1 ANTHEMIS

A race of easy and satisfactory daisy-flowers for rockery or border. Mostly they cut well.

**BIEBERSTEINIANA**—(2-3)12. Above low foliage that might be silver filigree sprinkled with diamond dust, rise blossoms of orange-gold, each on its own slender stem. Definitely one of the more desirable, as it is also one of the rarer, of rock garden plants. Pkt. 25c. Plants, each 60c; 3 for \$1.60.

**SANCTA-JOHNANIS**—\*ecbx(3)20. Rather large daisy-flowers in a gold so deep that it might be called orange. Pkt. 20c.

**KELWAYI**—\*ecbx(2-3)25. The Hardy Golden Marguerite. An easy, showy perennial, needed both for garden decoration and for cutting. The branching, aromatic, fine-leaved plants are loaded with big, golden daisies from July well into autumn. Pkt. 15c; 1/8 oz. 40c; 1/4 oz. 75c; 1 oz. \$2.25.

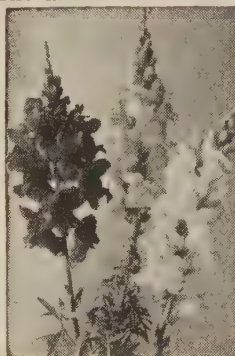
**MONTANA**—erix(3)10. Rather good, mounded white flowers above shredded foliage that shows rather of a silky silveriness. Pkt. 15c; 3 pkts. for 40c.

**NOBILIS**—rgkt(2)8. Aromatic fern foliage of soft green in low, ground-spreading ripples. Little white daisies. Useful in rock gardens, but valued particularly as a grass substitute for lawns in difficult places. Called Lawn Chamomile. Rather fine seeds. Pkt. 20c; 3 pkts. for 50c. Plants, little, rooted divisions that will mat-spread rapidly, 20 for \$1.00; 100 for \$4.00; 250 for \$9.00.

**OFFER 19A9**—One pkt. each of the five for 80c.

## \* SNAPDRAGON or ANTIRRHINUM

Snapdragon is a flower for everyman's garden and everyman's pleasuring. There could be no finer Annual for cutting. The kinds offered here, all rust-resistant, grow to 30 inches or more of height, at least the last foot of it set with immense, exquisitely formed blossoms in many rich, varied colorings. Often there are a dozen or more flower-filled stems to a plant. **ARTISTIC**—Rose pink and white. **COPPER SHADES**—Copper and bronze in blended tones. **LOVELINESS**—Pure deep pink. **RED CROSS**—Contrasting crimson and pure white. **YELLOW GIANT**—Exquisite canary. **SNOW GIANT**—Yes, it's white. **CAMP-FIRE**—Bronze, with touches of crimson, carmine, and yellow. **UNIFORM PRICE** of these named sorts, 20c the pkt. **OFFER 21A9**—One pkt. each of the 7 for \$1.00.



**ANTIRRHINUM PEERLESS BLEND**—32 inches. A gorgeous blend, all the colors above, with very many more. Magnificent flower spikes, the upper 10 to 12 inches set closely with splendid, big flowers. Perhaps the best Snapdragon for general garden planting, or for cutting. Highly rust-resistant. Pkt. 20c; 1/16 oz. 40c; 1/8 oz. 75c; 1/4 oz. \$1.25.

**ANTIRRHINUM MIDWAY BLEND**—15-20 inches. For garden decoration in beds, edgings and the like, a lower growing strain is often preferred. Here we have dense spikes, big flowers, bright colorings, but with only half the height of the Peerless Strain. Cuts nicely for bowl arrangements. Pkt. 15c; 1/16 oz. 35c; 1/8 oz. 60c.

**ANTIRRHINUM MAGIC CARPET**—erik(2-4)5. Delightful, semi-creeping plants loaded with flowers in exceedingly bright, immensely varied colorings. Rock gardens, edgings, beds. A true hybrid. Pkt. 20c; 3 pkts for 50c.

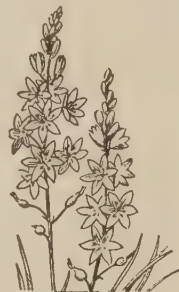
**1 ANTIRRHINUM ASARINA**—erk(8)6. Trailing mats of silver-sparkling, succulent foliage, set with big, lonesome flowers, rich cream with lip of citron and red. Winter-hardy rock garden perennial. Pkt. 20c; 3 pkts. for 50c.

## 2 ANTHURIUM ANDRAEANUM

Spectacular, and rather rare, conservatory plant, grown for the beautiful flower-spathes, typically orange red, but varying at times in seedlings, to salmon, pink, rose, crimson or white. We are promised fresh seeds, to be ready in May, 1949, and subject to arrival, orders are being booked against that delivery. Since supply may be limited, orders will be filled strictly in rotation according to date of receipt. Please make an alternate selection when you order. 10 seeds for 50c; 25 seeds for \$1.00; 100 seeds for \$3.60; 250 seeds for \$8.40.

## 1 LILY OF ST. BERNARD 3

**ANTHERICUM LILIAGO**, but the old folklore for it is Lily of St. Bernard. Starry flowers of purest whiteness are carried in airy racemes. Pretty always. For lovely effects in blue and white, plant it with *Campanula rapunculoides*. Fully hardy. *Illustrated opposite.* ecbltk(2-3)82. Pkt. 20c; 1/8 oz. 40c; 1/4 oz. 75c. Plants, each 75c.



## \* THE LAZY DAISY

The flowers are purest white above, but pink-suffused in reverse, and the buds are a clear, soft pink. The blossoms are an inch across, tiny yellow centers from which radiate many narrow, overlapping petals in horizontal plane to make the flat, upfacing blooms. Plants are in continuous bloom from early June on through September. This dainty annual is botanically. **APHANOSTEPHUS SKIRRO-BASIS**, but you may order it if you wish as **THE PINK-AND-WHITE DAISY**. Another name is **LAZY DAISY**. It lasts well as a cut flower. eck(2-4)20. Pkt. 20c; 1/16 oz. 40c.

**BOOK—GARDEN BULBS IN COLOR**—McFarland, Hatton and Foley. 275 beautiful color plates. Interesting, accurate descriptions. \$3.49.



**3 ANTIGONON LEPTOPUS**—kt(2-4)30 ft. Rosa de Montana. A quick vine, growing rapidly in the spring from root tubers. Heart-shaped foliage, garlanded for months with blossoms of bright rose. North, it will give good outside summer effect from tubers, or it is charming in greenhouse. Tubers may be winter-stored in sand in cellar. Pkt. 20c; 3 pkts. for 50c. Tubers, each 50c; 3 for \$1.40.

## 1 AQUILEGIA or COLUMBINE

Gay in blossom, and with a swaying, graceful airiness far beyond that of any other hardy perennial, the Columbines will always be grown, and desired. All here are of full winter hardiness. All will tolerate sun, but do well in shade, too. They cut. Cultures "x" and "kt".



**AQUILEGIA LONG-SPURRED AVALON**—(3)36. Selected for length of spur and extended range of hue and tone. Lemon, copper, orchid, buff, rose, lavender, blue, pink, cream, crimson, in contrasting placements and mellow blendings. *Illustrated opposite*. Pkt. 20c;  $\frac{1}{16}$  oz. 45c;  $\frac{1}{8}$  oz. 80c;  $\frac{1}{4}$  oz. \$1.40. Plants, each 45c; 3 for \$1.25; 10 for \$3.70; 25 for \$8.50.

**LONG-SPURS BY COLOR**—Several color strains of Long-spurred Hybrid Aquilegias are available. **CRIMSON STAR**—Exceedingly showy. Flowers of velvety crimson, with contrast-

ing white center cups. Pkt. 20c;  $\frac{1}{32}$  oz. 40c. **LONG-SPUR BLUE SELECTIONS**—Varied blues; light blue, mid-blue, indigo, blue-purple. Pkt. 20c;  $\frac{1}{16}$  oz. 50c. **ROSE QUEEN**—Selections in charming tones and rich shades in the pink and rose range. Pkt. 20c;  $\frac{1}{16}$  oz. 50c. **SNOW QUEEN**—Long-spur blossoms in purest white. A dainty beauty. Pkt. 20c;  $\frac{1}{16}$  oz. 50c. **COPPER QUEEN**—Big flowers of coppery red, the center cups soft straw yellow. Pkt. 20c;  $\frac{1}{32}$  oz. 35c. **OFFER 23A9**—One pkt. each of the 5 Long-spur Color Strains for 85c.

**OTHER DESIRABLE AQUILEGIAS**—Here are good ones. **AKITENSIS**—(1-2)12. Rare Japanese alpine. Early spring. Flowers soft blue, marked olive, tipped creamy white. Pkt. 25c. Plants, each 75c. **ALPINA**—(2)20. Sheafs of big, powder-blue flowers. A beauty. Pkt. 20c. **BUERGERIANA**—(2-3)20. From Japanese woodlands. Buff-tawny blossoms, stained chocolate and mulberry. Pkt. 20c. Plants, each 75c. **CANADENSIS**—(2)36. Pretty flowers of soft to golden yellow with quite long spurs in the rose to scarlet range. Sun or shade. Pkt. 15c;  $\frac{1}{8}$  oz. 25c. **CHRYSANTHA**—(3)36. Long-spurred species with airy blossoms of pale gold. Pkt. 15c;  $\frac{1}{8}$  oz. 40c. **COERULEA**—Varied delightful blues with cream-white centers. Long-spurred. Pkt. 20c;  $\frac{1}{16}$  oz. 40c. **ECALCARATA**—(2)10. Rare alpine with airy, spurless blossoms, coppery apricot to chocolate and claret. A gem. Pkt. 25c. **FLABELLATA NANA**—(1-2)10. Early-blooming Japanese alpine. Dwarf, compact clumps of blue-silvered foliage, with milk-white or lilac-suffused blossoms close above. Attractive, long-lived, hardy. Pkt. 20c; 3 pkts. for 50c. Plants, each 45c; 3 for \$1.25; 10 for \$3.70; 25 for \$8.50. **LONGISSIMA**—(2-4)36. Longest spurs in Columbine. Airy and graceful. Blossoms canary yellow, sometimes with roseate shadings. *Illustrated opposite*. Pkt. 25c. **HELENAE**—(2-3)24. Showy blue and white hybrid with good spurs. Pkt. 20c. **REUTERI**—(2)12. A dwarf, more compact Alpina in electric blue. Pkt. 20c. **SKINNERI**—(2-3)60. Bell-like blossoms of soft yellow with rather long, red spurs. Handsome summer-bloomer. Pkt. 20c. **TRUNCATA**—(2)25. Gay combinations of red and yellow. Pkt. 20c. **OFFER 24A9**—One pkt. each of the above for \$2.45.



**AQUILEGIA FINE DOUBLE MIXED**—(3)32. Blossoms are mostly fully double, almost rose-like, either with short spurs, or with none. Varied tones of pink, red, blue, violet, with white. Pkt. 15c;  $\frac{1}{16}$  oz. 25c;  $\frac{1}{8}$  oz. 40c;  $\frac{1}{4}$  oz. 75c.

**AQUILEGIA OLD ORCHARD BLEND**—A general mixture. At least a little of every Columbine we have, whether spurs be short, medium or long. Pkt. 15c;  $\frac{1}{16}$  oz. 30c;  $\frac{1}{8}$  oz. 50c.

SEE PAGE ONE for key letter and numeral explanations.

## 1 ARABIS FOR EARLY BEAUTY

For an April blossom showing, and on into May, one needs the snow of Arabis, purest white or in delightful sunrise tintings, from soft pink to rosy red.

**ALPINA**—erx(1)6. In early spring come great masses of flowers snowily white, new snow in sunlight. A first requisite of every rock garden, but it will delight in many another position, too. Plant much of it. Good, gray-silver foliage. Pkt. 15c;  $\frac{1}{8}$  oz. 35c;  $\frac{1}{4}$  oz. 50c.

**ALPINA ROSEA**—The last with blossoms of soft pink. A delight. Pkt. 20c; 3 pkts. for 50c.

**FERDINANDI-COBURGI**—erx(2)10. Fine long-lived Arabis making compact rug-mounds of foliage, misty multitudes of little white flowers above in June. Distinctive rock garden perennial of high attractiveness. Pkt. 20c. Plants, each 50c; 3 for \$1.40.

**BLEPHAROPHYLLA**—erx(1-2)12. Fine rock garden species of quite distinct form. From flat rosettes rise spike-like racemes of little flowers in a rose so deep that it verges on purple. Pkt. 25c; 3 for 70c.

**OFFER 25A9**—One pkt. each of the above for 85c.

**ALPINA DOUBLE-FLOWERED**—An altogether lovely flower, the blossoms of full doubleness, like little white roses. Blooming season is very long, much longer than that of other forms. Plants only, each 60c.

## \* THE SILK VINE

The Silk Vine is a quick climber to be handled on a low trellis as one would Sweet Peas. For months it is filled with sprays of starred salvers, inch-high, inch-wide, petals of a thick, crispy waxiness, creamy white, or at times with faintest of pink suffusions. Flowers have a sweet, light perfume, and they hold well when cut, the graceful habit lending itself to unusual decorative effects. **ARAUJIA SERICOFERA**. Pkt. 20c;  $\frac{1}{16}$  oz. 35c.

## \* ARCTOTIS or AFRICAN DAISY

Delightful daisies from southern Africa, mostly of largest size, effective for garden decoration or for cutting.

**ARCTOTIS GRANDIS**—ecrx(4)10. Blue-eye Daisy. Big, pearl-white flowers with blue centers. Profuse, showy, long in bloom. Quickest and easiest of the African Daisies. Pkt. 15c;  $\frac{1}{16}$  oz. 25c.

**ARCTOTIS HYBRIDS**—erbk(3-5)18. Big flowers in color-reminder of Gerberia, soft tones of apricot, lemon, russet bronze, coppery rose, reds of autumn oakleaf; along with bluish and lilac tints, others with decorative zonings. Handsome pin-nate foliage, deeply incised, silver sparkling. Sow early; it needs long season and full sun. *Illustrated opposite*. Pkt. 20c;  $\frac{1}{16}$  oz. 60c.



## 2 ARDISIA CRISPA

There is no better pot plant than this for brilliant and long-lasting berry effects. Clusters of vivid red berries remain on the plants in full color and brilliant showiness for several months. Thick and shining evergreen leaves with wavy edges. Plants, each 60c; 3 for \$1.65.

## 1 ARENARIA

Charming perennials for the sunny rock garden. The lower kinds are desirable, too, for pavement, wall or terrace plantings, the two taller may be used for edgings.

**MONTANA**—erdk(2)4. Dense flower pavements, overlapping pure white blossoms over mats of fine foliage. Endures sun and heat. Pkt. 20c; 3 pkts. for 50c. Plants, each 45c; 3 for \$1.25.

**GRAMINIFOLIA**—erbdk(2)15. White flowers in close cluster sprays on tall slender stems, over tufts of short, erect, grass-like leaves. Pkt. 20c; 3 pkts. for 50c.

**LARICIFOLIA**—erk(2)5. A fine-leaved, hardy mat-plant for the rock garden, set in spring with pretty white flowers almost beyond numbering. Quite different in effect from Arenaria montana, and just as desirable. Pkt. 20c; 3 pkts. for 50c. Plants, each 50c.

**KORINIANA**—erbdk(2)15. Resembles A. graminifolia in effect, but flowers are in looser clusters, and perhaps a bit smaller, though in greater mass. Fine foliage, grass-like. Pkt. 20c.

**OFFER 26A9**—One pkt. each of the four for 70c.



**3 APIOS TUBEROSA**—emtk(3). A pretty and hardy herbaceous vine that grows quickly from an (edible) tuberous root. Clustered flowers in odd chocolate tones that remind of Wisteria. Tubers, spring or fall, each 35c; 3 for \$1.00.

**ARCTOMECON CALIFORNICA**—k(w)(8)16. A new beauty, pretty much everblooming, that carries showy clusters of golden "poppy-flowers". 75 separate bloom-stems have been counted on one plant. It makes a good cut flower. Decorative, tomentose, "bear-paw" leaves. Pkt. 25c.

**3 ARISAEMA HIMALAYAN MIXED**—bmfstkt(3)24. There is a weird sort of attractiveness about the Snake Lilies, called so from their bizarre grotesqueries of color and form, and not at all from any reason of physical serpent association. The bloom is a Calla-like spathe, but often oddly twisted, drawn out, or reversely compressed to fat man form. Colorings may be any dark blendings or streakings in purple, violet-shaded green, chocolate, red, or even lightened by creamy yellow splashes. Pkt. 20c; 3 pkts. for 50c.

**3 ARISAEMA TRIPHYLLUM**—rstmtk(2-8)16. Jack-in-the-Pulpit. Purple-green spathes, chocolate streaked, then jewel-glowing clusters of red berries. Delights in dampish shade. Pkt. 15c; ½ oz. 30c; ¼ oz. 50c.

**1 ARUNCUS SYLVESTER**—ebstkt(2-3)60. Tall, handsome perennial that will grow well in thin shade. Big panicles of creamy white flowers, individually tiny, but carried in branching, crowded, spikes. Pkt. 15c; ½ oz. 25c; ¼ oz. 40c.

## \* ARGEMONE GAIETY

The Argemones are easy Annuals, highly attractive in both flower and foliage, in bloom for months. The big poppy-blossoms with silk-glistening petals may be of purest snowy whiteness, or perhaps of creamy primrose, lemon or golden yellow. Others will be pink, smoky rose, even crimson. Sometimes the flowers are double. Leaves often show white marblings or markings. Full sun. 25 inches. "x" culture. Splendid mixture. Pkt. 15c; ½ oz. 30c; ¼ oz. 50c.

## ASCLEPIAS or BUTTERFLY FLOWER

The three here are easy and quick from seed, and will reward with a long showing of colorful blossoms. "x" culture.

**1 TUBEROSA**—\*erbd(2-3)25. An exceedingly showy, long-lived perennial, so quick from seed that it will give a few blossoms the year of sowing. The flowers are usually a brilliant orange, but will vary from soft sulphur yellow to rich near-scarlet. A fine cut flower. Pkt. 15c; ½ oz. 40c; ¼ oz. 75c. Plants, each 40c; 3 for \$1.10.

**1 INCARNATA PULCHRA**—\*ecbmt(3)35. Clustered blossoms in silvery pink. Blooms so quickly from spring sown seed that it may be grown as an annual, yet it is winter-hardy. Pkt. 15c; ½ oz. 25c.

\* **CURASSAVICA**—The gay Brazilian Butterfly Flower, with clusters of blossoms that range from buff, through gold, to orange scarlet. Even the buds are bright. Usually grown as a quick annual; glorious bloom from June until November. 32 inches. Splendid cut flower. Also may be grown as winter window plant. Illustrated page 4. Pkt. 15c; ½ oz. 25c.

**OTHER GOOD ASCLEPIAS SPECIES**—Perennial all. **INCARNATA ALBA**—Like Pulchra, but with clear white blossoms. Pkt. 15c. **MEXICANA**—20 inches. Slender foliage and pink-hinting white flowers. Pkt. 15c. **SPECIOSA**—20 inches. Foliage silver-frosted. Flowers near maroon. Pkt. 20c.

## 2 ARISTEA or BLUE-BRILLIANT

More than a hundred years ago it was written of it, "Its profuse sky-blue flowers, the purest that ever fed upon dew, open early in the morning and are gone before night; the next morning bringing a new offering of beauty." The Aristees are fibrous rooted, semi-hardy perennials, perhaps best handled as pot plants in the north, but they may be plunged in the garden or open border in summer if one wishes. Free-blooming, and rather easy. "w" culture.

**ARISTEA ECKLONI**—18 inches. Particularly good species to grow as a pot plant. Many sprays of pretty flowers in bright-blue. Pkt. 25c. Plants, each 50c; 3 for \$1.40.

**ARISTEA THYRSIFLORA**—36 inches. Robust species with evergreen foliage and attractive flowers of a rich and sparkling blue. Pkt. 25c.



ASCLEPIAS TUBEROSA

**1 ARNICA CORDIFOLIA**—rbkt(2)25. Big, single flowers of deep, golden yellow. A showy plant when well grown. Pkt. 20c.

**ARTHROPODIUM CIRRHATUM**—rbkt(3)25. The pretty Rock Lily of New Zealand. Long, shining green leaves and panicles of star-like flowers in pure white. May be handled as a pot plant, but almost hardy and may also be grown outside if given sheltered position and it cuts well. Pkt. 20c; 3 pkts. for 50c.

**3 ARUM ITALICUM**—rkt(1)10. The Wake-robin of England. A winter-hardy plant in the Calla relationship with veined and marbled foliage and cream-white flowers. May be grown as a pot plant, or in the garden. Needs plenty of moisture and prefers light shade. Pkt. 20c; 3 pkts. for 50c.

**1 ASPERULA ODORATA**—Sweet Woodruff. A loveable little rock garden or cover plant, a mat-former with clustered, dainty white flowers. 6 inches. The dried foliage is long fragrant. It tolerates light shade. Plants only, each 40c; 3 for \$1.10; 10 for \$3.50.

\* **ASPERULA ORIENTALIS**—ek(2-3)12. A quick and pretty Annual, making mounds of fine-leaved plants that are filled with flowers of soft blue. Pkt. 15c; ½ oz. 25c.

**1 ASPERULA TINCTORIA**—ecx(3)25. Long sprays of little white flowers. Excellent for mixing with other cut flower material in manner of Baby Breath. A sound, enduring perennial. Pkt. 15c; ½ oz. 25c.

**1 GOLDEN ASPHODEL**—kt(3)60. It is *Asphodeline lutea*, the Golden Asphodel of the ancients. Tall spires of crowded golden stars rise from rosette-tufts of narrow, silvered leafage. Though native to sun-hot, rocky hills of Mediterranean shores, it is of full winter hardiness here. Illustrated opposite. Pkt. 20c; 3 pkts. for 50c. Plants, each 50c; 3 for \$1.40.

**ASPHODELUS RAMOSUS**—bkt(3)60. Long, dense, branching racemes of white flowers, each petal with a brown center line. A desirable perennial for the mixed hardy border. Pkt. 20c; ½ oz. 35c.



GOLDEN ASPHODEL

## 1 ARMERIA

Bright-flowered, long-blooming perennials these, of quite undifficult requirements, desirable for rock garden, border, or the taller for cutting. Nomenclature horticultural, "kt" culture. **CAESPITOSA**—4 inches. Green cushions, set over closely with a loveliness of formal pink blossoming. An exquisite for the rock garden. Pkt. 20c. **FORMOSA CARNEA**—18 inches. Flowers of a soft flesh pink. Long stems. Pkt. 15c; ½ oz. 40c. Plants, each 45c. **ALPINA**—8 inches. Desirable rock garden or edging species with flowers of bright rose. Pkt. 20c; ½ oz. 35c. **GIANT HYBRIDS**—25 inches. Giant flowers in deep pink, rose, violet, near-red. Exceedingly showy. Pkt. 15c; ½ oz. 30c; ¼ oz. 50c. Plants each 50c; 3 for \$1.40. **GLORY OF HOLLAND**—24 inches. Splendid newer sort with large flowers in pure, glistening pink. Pkt. 20c. Plants, each 50c; 3 for \$1.40. **OFFER 30AN9**—One pkt. each of above for 75c.

## 1 ARTEMISIA or SILVERPLUME

Fully hardy perennials of considerable decorative value, notable for silvery, aromatic fern-foliage. **FRIGIDA**—(3)30. Delightful in its soft and silky near-white ferniness. Pkt. 20c. Plants each 50c; 3 for \$1.40. **SILVER KING (Albula)**—36 inches. Decorative foliage of frosty silver. Desired for white-leaf planting effects, or sprays may be dried for winter bouquets. Plants each 40c; 3 for \$1.10. **STELLERIANA**—Dune-silver. Low, undulate spreads of silvery, feathery foliage. Adaptable. Rooted divisions, each 40c; 3 for \$1.10. **LACTIFLORA**—(4-5)72. Handsome panicles of creamy bloom, richly honey-scented. It cuts. Also the stately plants are valued for garden accent. Pkt. 15c; ½ oz. 40c. Plants, each 45c; 3 for \$1.25. **SCHMIDTIANA NANA**—Rare and charming Japanese alpine. Wide, low mounds of dense, soft, moss ferniness, silvery, sun glinting. Called Angel-hair. An altogether lovely plant that has only to be seen, to be desired. Plants, each 65c; 3 for \$1.80. **OFFER 27AN9**—One plant each of the five for \$2.15.



**9 ASIMINA TRILOBA**—yt. Hardy Pawpaw. Small tree with ornamental foliage and dark red flowers, centered yellow. Fruits like short, thick bananas are filled with a sweet custard pulp, rich and aromatic. Most folks like it. Winter-safe to about Boston. Quite large seeds.  $\frac{1}{4}$  oz. 20c; 1 oz. 60c.

## 2 THE ASPARAGUS FERNS

Decorative and easy pot plants are the Asparagus Ferns, though not, of course, truly of the fern family. Culture, "jw."

**ASPARAGUS SPRENGERI**—Many spreading sprays of fern-like foliage. Bright red berries, usually about Christmas time. Best effect when two or three plants are grown together in a large pot or hanging basket. Does well as a window plant. Sometimes called Emerald Feather. Pkt. 20c.

**ASPARAGUS PLUMOSUS NANUS**—Foliage finer than that of the last, bright green, dense, almost lacelike in effect. Plant upright, fronds almost horizontal. Pkt. 20c; 3 pkts. for 50c. Plants, each 50c; 3 for \$1.40.

**ASPARAGUS SCANDENS**—A climbing ornamental Asparagus, grown as a pot plant. Desirable trained as a low, slender vine, or the fine-foliaged strings of it may be cut for decorative use. Pkt. 20c.

**2 ASPARAGUS RACEMOSUS**—k. South African vine-like species for a protected position. Rather handsome when covered with its little white blossoms. Pkt. 15c.

**OFFER 28A9**—One pkt. each of the above for 85c.

## 1 AUBRIETA or ROCK-PURPLE

**AUBRIETA PEERLESS HYBRIDS**—erx(2)8. Splendid low perennials for the rock garden, front of border, or massing. Easy to grow and to delight in. Rose, lilac, mauve, purple, violet, crimson in vivid, rich blendings. *Illustrated opposite*. Pkt. 15c;  $\frac{1}{16}$  oz. 40c.



**AUBRIETA LEICHTLINI**—Rosy violet, near to crimson. Pkt. 20c; 3 pkts. for 50c.

## 1 THE HARDY ASTERS

Though called the glory of autumn, these true perennial Asters are not autumn flowers alone, for many of them bloom in summer, and several of the lower rock garden species come in spring. "kt" culture. **ALPINUS**—(2)12. An excellent early Aster, indispensable among the lower kinds, covered with large blue-purple flowers. Pkt. 20c;  $\frac{1}{32}$  oz. 35c. **ELONGATUS**—(3)12. Unique South African with big flowers, usually with crimson zoning. Protect in winter. Pkt. 20c. **FARRERI**—(2-3)20. Shaggy flowers to 3-inch diameters, gold-centered, but with many long petals of blue-lavender. Each blossom is carried on its own stem, high over flat foliage mats. Pkt. 20c; 3 pkts. for 55c. **LINARIIFOLIUS**—(Ionactis)—(4-5)15. Gold-centered lavender daisies are carried in rather close, upfacing clusters. Makes big clumps. Full sun. Pkt. 15c. **NOVIAE-ANGLIAE**—(5)50. New England Aster. Here is the cap-sheaf of the season, the rich culmination of its color harvest. Big many-rayed flowers in blue-violet to deepest purple, in rosy pink to rosy red. Seeds saved chiefly from fine named varieties. Pkt. 15c; 3 pkts. 40c. Plants, each 40c; 3 for \$1.10. **NOVIBELGI HYBRIDS**—(3)30. It rules its season, the latter half of summer, coming before Noviae-Angliae, but overlapping a bit with it. Wide, bushy plants filled with flowers that may be white, mauve, lavender, lilac, pink, or rose; single or semidouble. Pkt. 20c; 3 pkts. for 50c. **HIMALAICUS**—(3)16. Desirable dwarf, mountain species with rather large, narrow-petaled flowers of lilac blue. Pkt. 20c. **PTARMICOIDES**—(3)15. Pure white flowers in wide, flat corymbose sprays. Desirable for dry, sunny positions. Pkt. 15c. **SPECTABILIS**—(3-4)24. The Showy Aster. Lovely informal, blue-violet flowers of quite surprising size. Shade-tolerant. A fine species. Pkt. 20c; 3 pkts. for 50c. Plants, each 45c; 3 for \$1.25. **TATARICUS**—(6)72. Latest and tallest of Hardy Asters. Many clusters of soft blue flowers. Pkt. 15c. Plants, each 45c; 3 for \$1.25. **MAUVE CUSHION**—Delightful late bloomer for rock garden or bedding. Cushion-plants, 8 inches high by 18 across, are filled in October with blossoms of silvery mauve. Pkt. 20c. Plants each 50c; 3 for \$1.40.

**OFFER 29A9**—One pkt. each of the above for \$1.60.

**ASTER HARDY PERENNIAL BLEND**—The above, with others. An excellent mixture. Pkt. 15c; 3 pkts. for 40c.

## 1 OTHER FINE HARDY ASTERS

**ALPINUS GOLIATH**—10 inches. Excellent low Aster, blooming in late spring. Big flowers in rich blue violet. Rock garden, edging, bedding. Plants, each 50c; 3 for \$1.35.

**SUBCOERULEUS STAR OF WARTBURG**—9 inches. Another excellent, spring-blooming dwarf. Very large flowers of orange-centered dark blue. Plants, each 55c; 3 for \$1.45.

**FRIKARTI**—(Wonder of Staeffa)—20 inches. Everblooming hybrid from Switzerland, of highest horticultural merit. Big, long-rayed lavender blossoms for many months. An exceedingly showy Aster. Plants, each 60c; 3 for \$1.60; 10 for \$4.75.

**BARR'S PINK**—60 inches. Best of the taller pink Asters. Large flowers of rich, rose pink. Enduring, making big clumps. Autumn. Plants, each 50c; 3 for \$1.40.

**BLUE GOWN**—50 inches. Autumn. Pyramidal spikes of brightest mid-blue. Plants, each 50c; 3 for \$1.40.

**CONSTANCE**—10 inches. Late summer. Flowers of true shell pink mound the bushy plants. Each 50c; 3 for \$1.40.

**VIOLETTA**—40 inches. Autumn. Semi-double blossoms of deepest blue-purple. We have seen no better Aster in this rich coloring. Plants, each 60c; 3 for \$1.65; 10 for \$4.60.

**HARRINGTON PINK**—35 inches. Pure, true pink are the massed, double blossoms. Called the most handsome Aster. Early autumn. Plants, each 60c; 3 for \$1.65; 10 for \$4.60.

**CLIMAX**—50 inches. Autumn. Close to skyblue are the big flowers, carried in pyramidal panicles. A splendid Aster. Plants, each 55c; 3 for \$1.40.

**BEECHWOOD CHALLENGER**—50 inches. Closest to real red of any Aster, a rich red-toned crimson. A floriferous beauty. Each 55c; 3 for \$1.50.

**MOUNT EVEREST**—50 inches. The plants are truly like piled, snowy mountains, massed white from bottom to top. Autumn. Plants, each 50c; 3 for \$1.40.

**PALMYRA**—30 inches. Autumn. Pyramids of semi-double flowers in a fine, bright pink. Plants, each 50c.

**RED ROVER**—30 inches. Autumn. A fine Aster, long in bloom, flowers of rosy red with tone of violet. Plants, each 50c; 3 for \$1.40.

**PINK LADY**—30 inches. Another autumn Aster of high merit, in a most attractive, pink tone. Plants, each 50c.

**OFFER 31AN9**—One plant each of the above, together with one each of Asters spectabilis, tataricus, and Mauve Cushion, for \$8.00.

## \* ASTERS ANNUAL

The oldtime name for them was China Aster, but botanically they are Callistephus. Desirable annuals of easy culture, quite unexcelled for summer and autumn cutting.

**ASTERS BY COLOR**—Four good ones. **GIGANTIC LOS ANGELES**—35 inches. Clear pink, immense flowers to sometimes 8-inch diameters, petals curled and interlaced. Pkt. 15c;  $\frac{1}{16}$  oz. 30c;  $\frac{1}{8}$  oz. 50c. **SENSATION**

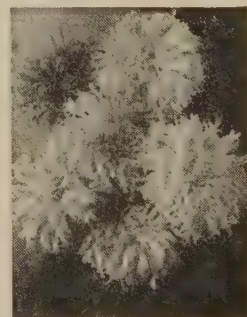
—30 inches. Big, double flowers in the brightest and most intense of scarlets. Pkt. 15c;  $\frac{1}{16}$  oz. 30c;  $\frac{1}{8}$  oz. 50c. **GIANT BRANCHING AZURE**—30 inches. Full double flowers in clear, lavender blue. Fine for cutting. Pkt. 15c;  $\frac{1}{16}$  oz. 30c;  $\frac{1}{8}$  oz. 50c. **PEERLESS**—28 inches. Best of the yellows, a soft creamy primrose. Desirable for cut flower arrangements. Pkt. 15c;  $\frac{1}{16}$  oz. 35c. **OFFER 32A9**—One pkt. each of the four for 50c;  $\frac{1}{16}$  oz. of each for \$1.00.

**ASTER CALIFORNIA GIANTS**—36 inches. Truly enormous flowers of feathery fullness, petals intercurled in manner of the great show Chrysanthemums. Long stems. *Illustrated above*. Pkt. 15c;  $\frac{1}{16}$  oz. 30c;  $\frac{1}{8}$  oz. 50c.

**ASTER GIANT BRANCHING MIXED**—32 inches. Big flowers of fullest doubleness, carried on long, branching stems. Widest color range. The strain in greatest use. Fine for cutting. Pkt. 15c;  $\frac{1}{8}$  oz. 35c;  $\frac{1}{4}$  oz. 65c.

**ASTER RAINBOW SINGLES**—30 inches. Most graceful class for cutting. Long slender petals, small centers, good stems, colorings exceedingly varied and vivid. Effect is of big daisies in unusual hues. Pkt. 15c;  $\frac{1}{8}$  oz. 35c;  $\frac{1}{4}$  oz. 65c.

**ASTER AVALON BLEND**—All the better double-flowered Annual Asters in an unsurpassed mixture, full color and form range. Particularly desirable for cutting. Pkt. 15c;  $\frac{1}{8}$  oz. 40c;  $\frac{1}{4}$  oz. 70c.





**2 AUCUBA JAPONICA MACULATA**—w. An ornamental shrub often grown as a pot plant under glass, but winter-hardy outside to about Washington. Lustrous evergreen leaves are patched and dotted with golden yellow. Sometimes called Gold Dust Plant. Little purple flowers are followed by clusters of brilliant scarlet berries. Pkt. 25c; 3 pkts. for 70c.

## 1 ASTILBE

Feathery flower-plumes, exquisitely fashioned, in white, cream, many a delightful pink, rose or carmine. Handsome winter-hardy perennial for either garden planting or forcing in pots. "kt" culture. Mixed colors. Pkt. 25c; 3 pkts. for 70c.

**ASTILBE PLANTS** are available for both spring and fall forwarding of several desirable kinds. **AMERICA**—Fine, airy plumes of soft lilac-pink. Longest in bloom of our Astilbes. Plants, each 60c. **GRANAT**—Pomegranate crimson with salmon reflections. Extraordinarily good. Each 65c; 3 for \$1.80. **PINK PEARL**—Spreading plume-panicles of softest pink. Each 60c. **FANAL**—Brilliant garnet plumes over bronzed foliage. Each 70c. **PEACH BLOSSOM**—Plumes of vivid pink, dense and feathery. Each 60c. **OFFER 33AN9**—One plant each of the five for \$2.90.

## 5 THE GAY AZALEAS

They are not difficult from seeds sown in early spring or late autumn. Make the sowing in a sandy seed bed, or far better, in a bed, pot or flat filled with a mixture of sand and leaf mould or untreated peat. Shade the seed bed a bit. Line the seedlings out into soil that is on the acid side. If yours isn't already that, you can make it so by treating with aluminum sulphate, or by adding decayed oak leaves, peat, old sawdust or like acid material. **ARBORESCENS**—Blossoms usually blush white, exceedingly fragrant. The tallest Azalea, eventually 15 to 20 feet. Pkt. 20c. **CALENDULACEA**—Brilliant, variable, colorings. Golden, salmon, orange, orange scarlet. Mixed colors. Pkt. 20c; 1/2 oz. 50c. **KAEMPFER**—Torch Azalea, Bright red, rarely varying to pink or rose, Pkt. 20c. **MOLLIS**—Early, before the leaves, come bell-blossoms from soft yellow to rose-tinged salmon. Pkt. 20c. **NUDIFLORA**—The lovely Pinxter-bloom. Usually pure pink, but sometimes blush or white. Pkt. 20c. **SCHLIPPENBACHI**—Pale rose flowers, upper lobes spotted rich brown. Fragrant. Particularly hardy. Pkt. 20c; 3 pkts. for 50c. **VASEYI**—Profuse, clustered flowers, pink to rose. Blooms at early age; also very early in spring. Pkt. 20c; 1/2 oz. 50c. **VISCOSA**—Sparkling blossoms, wax-white to blush. Young plants only a few inches high will flower. Pkt. 20c. **OFFER 34A9**—One pkt. each of the eight for \$1.45.

**AZALEA HARDY BLEND**—Seeds of the above, with others, in varied blend. Pkt. 20c; 3 pkts. for 50c; 10 pkts. for \$1.60.

**AZALEA INDICA HYBRIDS**—Large flowers in a wide color range mantle the dwarf, bushy plants. They do splendidly under glass and are usually grown as pot plants. Not garden-hardy in the North. Exceedingly beautiful. Pkt. 35c; 3 pkts. for \$1.00; 10 pkts. for \$2.85.

**AZALEA KURUME HYBRIDS**—A splendid strain of low Azalea, immensely varied as to color and often with semi-double flowers. Young plants just a few inches high will bloom heavily. Fully winter-hardy at Philadelphia but in very much colder areas will require winter protection. Also much grown as pot plants, and they make beautiful ones. Seeds in mixture saved from finest named sorts. Pkt. 35c; 3 pkts. for \$1.00.

**AZALEA KAEMPFER HYBRIDS**—Newer strain, the result of a series of crosses of the Kurume Azaleas with the Kaempferi Azalea. The Hybrids are rather stronger growers than the Kurumes, and are winter-hardy outside in colder climates. Range of coloring is rich and varied. Pkt. 35c; 3 pkts. for \$1.00.

**AZALEA KURUME PLANTS**—Well-grown young plants that will run from 5 to 9 inches of height, large enough to give some nice flowers the first year, and masses of them by the second year. Suitable for outdoor planting in many areas of not too severe winter climate, as at Philadelphia and New York, or will make excellent pot plants for window or greenhouse. Seven varieties at **UNIFORM PRICE** of each 75c; 3 of a kind for \$2.00. **PINK PEARL**—Early semi-double soft pink. **HINODEGIRI**—Vivid scarlet. Exceedingly showy. **SNOW**—Pure white. Semi-double. **CORAL BELLS**—Semi-double blossoms of soft coral-rose. **SUN STAR**—Showy deep rose flowers with radiating carmine splashes. **CHARLES ENCKE**—Most attractive salmon-pink blossoms, margined white. **HEXE**—Big flowers in the richest of crimsons. **OFFER 36AN9**—One plant each of the 7 for \$4.65.

**BALLOON VINE**—*Cardiospermum*. Quick and easy annual vine for fence, screen or trellis. Sprays of little white flowers are followed by inflated, balloon-shaped seed pods. Pkt. 10c.



\* **BELLIS PERENNIS FINE MIXED**—arkt(1-2)6. English Daisy. Desired for spring bedding, edgings, porch boxes. Double, blue, large-flowered, in mixture of rose, red and white. Pkt. 15c; 3 pkts. for 40c.

\* **BELLS OF IRELAND**—edx(3-4)30. It is that odd Syrian beauty, *Molucella laevis*, called so because that name so descriptively suggests itself to those who see it. The several branching stems are closely set with big bell-calices of pale, translucent green. Within each calyx lies a curiously formed little white flower. *Illustrated opposite*. *Molucella* cuts well as a fresh flower, also the spikes may be dried for winter decoration as a straw-flower. Pkt. 25c.

**BAMBOO**—The Bamboos are really giant grasses with woody stems, but they may be considered rather as decorative shrubs of a particular grace and airiness. Some few of the true Bamboos possess a considerable degree of winter hardiness, and the two here listed we have grown without any winter protection at all for several years at our Old Orchard Nursery near Philadelphia. **SEMIARUNDINARIA FASTUOSA**—Tall and graceful hardy Bamboo, to 20 feet. Heavy columnar canes with wide, deciduous sheath at each node. Numerous branches and leaves, these to 7 inches length by one of width. Will make good colonies with time. Rooted sprouts or stolon divisions, each \$1.00. **DWARF BAMBOO**—Another fine species of which we have lost the name. It grows to 3 feet, many slender, almost whiplike stems, unbranched, that end each in a fan of slender leaves. Divisions each 85c.

## 2 ASTELIA

**2 ASTELIA NERVOSA**—w. A decorative New Zealand liliad that is recommended for pot culture. Densely tufted plants with many long, narrow leaves of silvery green, the mid-ribs shaded violet. Panicles of sweetly-scented flowers in an odd olive-green suffused with purple tones, these followed by ornamental orange-red berries. Pkt. 35c; 3 for \$1.00.

## 4 BABIANA 3

Bright-hued South African bulb-flowers that grow rather easily from seed, usually blooming within the year. North, grow in pots (*Freesia* handling), or if well enough protected with straw or leaves, they are likely to winter well outside. *Illustrated opposite*. Mixed colors, indigo, pansy violet, white, mauve, cream, pink, intense blue, red-centered, with other interesting and beautiful shades, tones, combinations and blendings. Pkt. 20c; 1/6 oz. 40c. See **TREASURE CHEST OFFER**, sent on request, for listings of separate species.



## 3 ORNAMENTAL BANANA 4

The true Banana (*Musa*) may be used effectively for exotic, decorative foliage displays out of doors, in the North. At Old Orchard we have had them reach full ten feet of height in a summer, great sweeps of arching, swaying leaf-fans. In late autumn the plant may be dug, cut off a few inches above the ground, and the enlarged root or "bulb" packed upright in sand and kept in a frost-proof, dry place. The large seeds grow readily. Culture "w". 4 seeds for 25c; 18 seeds for \$1.00.

## \* SUNLIGHT FLOWER

It is *BAILEYA MULTIRADIATA*, a free-blooming and beautiful Annual with blossoms that are living embodiment of warm, sunshine gold. The long-stemmed flowers, carried over silvery foliage, have double ruffles of glossy yellow petalage around golden center cushions. Sow it early and give it full sun, then you will have bloom from May to November. It cuts. 18 inches. Pkt. 20c; 1/32 oz. 40c.

## \* BRIGHT BALSAM (Annual Impatiens)

Our **BALSAM AVALON BLEND** will give oriental effects in color massing, a glory of double blossoming in pure pink, rose, salmon, vivid red, lilac, lavender, with white, pure or suffused. An easy, showy, long-bright Annual for any sunny place. 30 inches. Ever-blooming. Pkt. 10c; 1/4 oz. 35c.



## 1 THE BLACKBERRY LILY

It is *BELAMCANDA CHINENSIS*, a desirable, enduring perennial for sun or shade. From "iris" foliage, slender stems rise to four feet, carrying pretty orange-and-crimson blossoms, see illustration opposite. Then come glossy "blackberry" seed clusters that may be dried for winter bouquets. Plant with Vesper Iris, Iris dichotoma, for interesting effects. Pkt. 20c; 3 pkts. for 55c.

**BELAMCANDA AVALON HYBRIDS**—Surprising variations in color, form, and height show in this new strain, being *B. flabellata* crossed on *B. chinensis*. 7 seeds for 25c.



## 1 BAPTISIA FOR BEAUTY

The Baptisias are fully hardy, long-lived perennials of much real beauty. They are, most of them, rather easy to grow, thriving in full sun, though tolerating some light shade. Few perennials show greater variety in form and coloring than do the Baptisia species among themselves. Culture "kt."  
**AUSTRALIS**—40 inches. Leafy, branching plants, crowded with big and showy spray-spikes of flowers in rich, deep, indigo blue. Splendid in the border, or as a cut flower. Closely spaced plants make a very satisfactory, quick-growing herbaceous hedge. Altogether, it is one of the more useful and desirable perennials. Pkt. 15c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{4}$  oz. 40c. Plants, each 50c; 3 for \$1.40.  
**BRACTEATA**—14 inches. Lovely, creamy yellow flowers in enormous, wide tapered clusters, Wisteria fashion. The great flower clusters bow over until their tips touch the ground. A beauty for rock garden or border. Blooms May and early June. Pkt. 20c;  $\frac{1}{16}$  oz. 40c. Plants, each 55c.  
**OLD ORCHARD HYBRID**—35 inches. A chance form found in our Nursery, apparently a natural hybrid. General effect is that of Australis, although plants are a trifle lower and rather more compact. The flowers, carried in long, heavy racemes, are of an odd, tawny violet, with hints of buff and of coppery rose, but at times near yellows or near blues will appear. Rather new, and decidedly good. Pkt. 25c;  $\frac{1}{16}$  oz. 50c;  $\frac{1}{8}$  oz. 75c. Plants, no color choice, each 65c.  
**LEUCANTHA**—60 inches. In early summer come tall and tapered spirelike clusters of attractive white blossoms, all rather in the Lupine suggestion. Pkt. 25c. Plants, each 60c.  
**OFFER 37A9**—One pkt. each of the above for 70c.  
**BAPTISIA BLEND**—The above, with others as fine. Pkt. 15c;  $\frac{1}{16}$  oz. 30c;  $\frac{1}{4}$  oz. 85c.

**LOOKING FOR HOUSE PLANTS?** Watch for listings with numerals 2 or 4 before the variety names if you want kinds suitable for growing in pots in window, sun porch or green house. Some of those marked 6 or 8 are good for pot growing, too. See heading **PLANT FINDER**, on second page of catalog.



**1 BOLTONIA LATISQUAMA**—\*ebx(4)60. Airy, starry "Aster" blossoms, bluish white to pale pink, for some two months in late summer. One of the easier and better border perennials. Pkt. 15c;  $\frac{1}{16}$  oz. 25c. Plants, each 40c; 3 for \$1.10.

**3 BESSERA ELEGANS**—Lady's Eardrop. A garden-easy bulb of considerable charm. Intricately formed blossoms of bright coral with orange suffusions, striped creamy within, and with blue anthers, are carried in nodding, swaying umbels on slender 20-inch stems. It cuts. Illustrated opposite. Give bulbs Gladiolus handling throughout, save that a covering of dry sand is advisable while they are in winter storage. Bulbs, spring delivery, each 40c; 3 for \$1.10; 10 for \$3.10.

\* **BALSAM APPLE AND PEAR**—ek(9)100. Momordica, a decorative annual vine with yellow flowers and odd pear or apple-shaped fruits that split to show interesting red seeds that appear as though carved in odd oriental designs. Pkt. 10c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{4}$  oz. 40c.

\* **BARTONIA AUREA**—eodx(2-4)24. The Sweet Stargold (botanically *Mentzelia Lindleyi*). Showy annual with big, glistening golden flowers all summer. Pkt. 10c.

## 2 BEGONIA

**2 BEGONIA EVERBLOOMING BLEND**—w. It may be kept in bloom as a pot plant pretty much the year through. Blossoms will be white, pale pink, rose, scarlet or crimson, the foliage sometimes bronzed or red-tinted. A wonderful pot plant in window or conservatory. Desirable, too, for porch box or bedding. Illustrated below. Pkt. 25c; 3 pkts. for 70c; 10 pkts. for \$2.00.

**EVERBLOOMING BEGONIA PLANTS**—Usually available year around. **INDIAN MAID**—Over foliage of lustrous bronze-mahogany are handsome flowers of salmon scarlet.

Each 45c; 3 for \$1.25. **BALL WHITE**—Purest white flowers. Soft, green foliage. Dwarf, compact, exceptionally free flowering. Each 45c; 3 for \$1.25. **ADELINE**—Never out of bloom, multitudes of pure pink flowers over compact green foliage. Plants, each 45c; 3 for \$1.25. **CHRISTMAS CHEER**—Fine flowers of deep, dark pink with crimson tone. Green foliage. Makes sturdy plants. Each 45c; 3 for \$1.25. **OFFER 38AN9**—One plant each of the four for \$1.60.



**DOUBLE BEGONIA**—This is the variety *GENEVA SCARLET BEAUTY*, a fine everblooming pot plant with fully double, ball-like blossoms of soft red with scarlet tone. Plants, each 60c; 3 for \$1.60.

**THE REX BEGONIAS**—A beautiful and interesting group, grown for the delightfully decorative foliage, graceful in form, ornamental in its wide range of rich and varied color applications. Flowers usually pale pink, and pretty enough, but the plants are really grown for the superb foliage. Plants, each 85c; or we will send 3, each different, for \$2.25.

**BEGONIA REX SUPERB BLEND**—Seeds saved from finest named sorts and hybrid seedlings. Pkt. \$1.00.

**BEGONIA REX GROUP MIXED**—Seeds saved in India, mostly from species Begonias in the general Rex complex. Should give interesting results. Pkt. 35c.

**BEGONIA EVANSIANA**—This is the winter-hardy Begonia, surviving most northern winters if given protection of straw or leaves. Pure pink flowers carried well above the leaves. Green foliage, red-netted below. Though of outdoor hardiness, Evansiana makes a good pot plant, too. Seeds, pkt. 20c; 3 pkts. for 50c. Young plants, spring only, each 40c; 3 for \$1.10; 10 for \$3.25.

**4 BEGONIA TUBEROUS SINGLE MIXED**—w. Flowers of great size, in gorgeous color range, and that includes orange, pink, rose, salmon, scarlet, white and yellow. Makes an exceedingly attractive pot plant, or may be used effectively for outside bedding in a shady place if kept well-watered. Winter-store tubers in sand. Pkt. 70c; 3 pkts. for \$2.00.

**4 BEGONIA TUBEROUS DOUBLE MIXED**—Flowers showy, long-lasting. Same inclusive color range as the Single Tuberos, flowers fully double and of largest size. They make splendid pot plants for spring and summer bloom, particularly effective on a porch or in an east window. Also fine for outside bedding if given position out of full sun, and kept watered. Tubers only, superb color mixture, February into May, each 35c; 3 for 95c; 10 for \$2.90; 25 for \$6.25. After May 15th, started tubers in pots are usually available at each 40c; 3 for \$1.10; 10 for \$3.30.

**RARE BEGONIA SPECIES**—We receive from time to time small lots of seeds of the rarer Begonia species, these coming from specialist growers or botanical collectors in various parts of the world. Among those likely to be available are *Begonias Andersoni*, *coccinea*, *Dregei*, *ferruginea*, *Cooperi*, *echinosepala*, *fuchsoides*, *gigantea*, *glabra*, *coralipetiole*, *involutrata*, *Josephi*, *laciniata*, *megaptera*, *picta*, *plebeja*, *pruinosa*, *sikkimensis* *maculata*, *squamosa*, *strigillosa*, *valerii*, *xanthina*, *Wallichiana* and the like. These collected seeds sometimes contain a little chaff, but there will be good seeds, too, in every package. For seeds of these rarer Begonias offered separately, see our **TREASURE CHEST OFFER**, sent on request. We also offer seeds of species (botanical) Begonias in a general mixture. Contained will be seeds of at least 10 separate Begonia species, but probably of very many more than that, unusual and beautiful Begonia diversities from the Orient, from Central America, from Andean highlands of South America. Try this for delightful surprise. Order as **BEGONIA SPECIES BLEND**. Price is per pkt. 35c; 3 pkts. for \$1.00; 10 pkts. for \$3.00.



**2 BELOPERONE GUTTATA**—\*ex(8)15. Shrimp Plant or Dwarf Chuperosa. Little lilac-tinted white flowers peer from showy red-brown bracts, these closely imbricated in gracefully drooping form. Makes an interesting pot plant for window garden or greenhouse. Also early-started plants will give a surprisingly effective showing in the summer garden. Plants each 40c; 3 for \$1.10; 10 for \$3.30.

**5 BERBERIS THUNBERGI ATROPURPUREA**—True Red-leaf Barberry, the brilliantly colored foliage varying from bright red to black-maroon, always richest in sun. It comes true from seed, germinating with fair ease from early spring sowings. The shining red berries make long, gay showing. Note, please, that this Barberry species is not a host for wheat rust. Pkt. 20c;  $\frac{1}{16}$  oz. 30c;  $\frac{1}{2}$  oz. 50c. Plants, strong one-year size, from 5 to 7 inches high, 3 for 50c; 10 for \$1.45; 25 for \$3.00; 100 for \$10.00.

## 2 BILLBERGIA

These easily grown Brômeliads make distinctive, and beautiful house plants. They like plenty of moisture while they are in active growth, and will thrive in an east or north window, but, at least in the winter, full sun will not harm them.

**2 BILLBERGIA NUTANS**—Delightful pot plant, *illustrated opposite*. Pretty, pendant blossoms in tricolor effect, the bracts bright red, the petals green, edged with vivid blue. Each 45c; 3 for \$1.25.

**BILLBERGIA DISTACHIA** — A slightly stronger grower with handsome, bronzy foliage, marbled creamy white. The pendant flowers are green, edged blue in the petal, with bright rose pink bracts. Plants each 60c; 3 for \$1.60.



## 2 THE CHRISTMAS BELL

It is **BLANDFORDIA NOBILIS**, handsome Australian Liliad of quite easy handling. The flowers are pendant, red-crimson bells, petals tipped with yellow. The blossoms are carried in rather dense racemes to a height of around two feet. Desirable plant for pot culture in window or greenhouse. It may, though, prove more hardy than supposed, for it is reported that Blandfordia was grown in the open ground for several continuous years at the Edinburgh Botanic Garden. Experiments would seem to be in order with this beautiful plant. 8 seeds for 25c; 30 seeds for \$1.00.

## 3 AN EASIER ORCHID 4

It is **BLETILLA HYACINTHINA**, easiest of hardy Orchids, and one of the lovelier of them. It may be grown from seeds without need of too great skill, but patience and attention to detail are required. Directions in cultural leaflet sent with all seeds. Three-year seedlings often bloom. Bletilla is an attractive Orchid with fairly large blossoms of amethystine purple, or of white. Winter-hardy outside at Philadelphia, or will force nicely, grown in pots in window or greenhouse. *Illustrated back cover*. Seeds, purple and white mixed, mostly purple. Pkt. 35c; 3 for \$1.00. See also ORCHID and EPIDENDRUM.



## 6 BORONIA MEGASTIGMA

Called "the world's sweetest flower," from the delightful and pervasive perfume. Bell-shaped blossoms, rich brown-maroon outside, yellow within, make a pleasant showing for some three months. It cuts well. A superb pot plant for the cool house. *Illustrated opposite*. Pkt. 25c.

## 3 BOMAREA 4

Beautiful Amaryllids in the Alstroemeria relationship, with pendant bell-flowers in gay, varied colorings. The blossoms are carried in big clusters on plants of twining habit. North, best grown as pot plants under glass, stakes or miniature trellises being placed in the pots. Several species mixed. "w" culture. Pkt. 25c; 3 pkts. for 70c.

**BOOKS**—Two good Begonia books. **BEGONIAS AND HOW TO GROW THEM**, Buxton, describes some 200 varieties and species with culture. Illustrated. \$2.25. **BEGONIAS FOR AMERICAN HOMES AND GARDENS**, Krauss. Comprehensive. 254 pages. Well-illustrated. New. \$4.00.

**\* ORNAMENTAL BEET**—eifx(9)10. In Europe certain special strains of Beet are grown purely for decorative use of the brilliant red and crimson foliage in edgings and color bedding. We offer a fine English strain, the **CRIMSON WILLOW-LEAF BEET**. Pkt. 15c;  $\frac{1}{4}$  oz. 25c.

**1 BOCCONIA**—x. The Plume Poppies are striking, tall perennials with decorative, oddly shaped foliage. **CORDATA**—70 inches. Sprays of feathery, chamois-toned flowers, followed by tan-colored seed plumes. Whole plant effect is ornamental. Full hardiness. Botanically a *Macleaya*. Pkt. 15c;  $\frac{1}{16}$  oz. 25c;  $\frac{1}{2}$  oz. 40c. **FRUTESCENS**—70 inches. A handsome plant with big, sea-green, pinnatifid leaves and panicles of feathery, pale green flowers. Will need some winter protection in the colder areas. Pkt. 25c.

**2 BOUVARDIA TERNIFOLIA**—w. Handsome pot plant. Clustered, waxy flowers of brilliant scarlet, tubes that expand to stars. 10 seeds for 25c; 100 seeds for \$1.75.

**\* BLUE LACE FLOWER**—ecx(3)18. Wide, lace-like heads of blue flowers. It cuts. *Didiscus coeruleus*. Pkt. 10c.

**1 BETONICA OFFICINALIS**—ebx(3)28. Dense spikes of rich purple or soft, rosy pink top the many tall stems. A showy, fully hardy perennial. Seeds, mixed. Pkt. 15c;  $\frac{1}{16}$  oz. 25c. Plants, mixed colors, each 45c; 3 for \$1.25; 10 for \$3.70.

**1 BETONICA GRANDIFLORA**—Handsome flowers of deep blue-violet, largest in *Betonica*, are carried in loose sprays. 18 inches. One of the better perennials. Botanically the horticultural "Betonicas" are species of *Stachys*. Plants, each 50c.

**2 BOUGAINVILLEA HYBRIDS**—w. These showy, semi-tropical plants used in California and Florida with such effective beauty as porch, pergola or trellis vines, make also splendid pot plants for the north. By pinching back, they may be kept readily in bushy, pot plant form, blooming then profusely, big sprays of "flowers" in shades of mauve, rose, red and purple. 10 seeds for 50c.

**\* BRACHYCOME MIXED**—erx(3)10. This easy Australian daisy reminds of *Cineraria* in the compact inflorescence and in the brilliance of its colorings. Called *Swan River Daisy*. In bloom for months. Desirable for edging, bedding, pot culture or as rock garden filler. Pkt. 10c;  $\frac{1}{4}$  oz. 40c.

**\* BROWALLIA ELATA**—ebx(8)25. Amethyst-flower. Blossoms of bright indigo, or rarely of white, over many summer and autumn months. One of the easier, more attractive Annuals. Pkt. 15c;  $\frac{1}{2}$  oz. 30c.

**\* BROWALLIA VISCOSA SAPPHIRE** — erx(3-5)10. Big flowers of deep sapphire blue. Plants rounded, compact. Profuse long-bloomer for garden planting or pot culture. Pkt. 25c.

**2 BRYOPHYLLUM PINNATUM** — Air-plant. Thick, oval, crenate-margined leaves. Orange-red flowers shaped like oriental bells. Detached leaves will start young plants from their edges if laid on damp sand. Plants, each 40c.

## 3 BRODIAEAS FOR DELIGHT



**BRODIAEA  
GRANDIFLORA**

We like their slender grace, their soft colorings and amazing diversities. Sometimes the blossoms, stars to trumpets, are carried in loose umbels, but again they may be gathered in tight, capitate clusters. There will be suffused white, lavender, lilac, mauve, purple, with others in rosy pink or in salmon-toned yellow. Of about same winter hardiness as the Tulip. *Illustrated opposite*. 12 to 20 inches. "kt" culture. Pkt. 20c;  $\frac{1}{16}$  oz. 40c.

## \* THE BUTTER-DAISY

All of a shining, glistening butter-yellow are the wide, ragged, over-lapping petals of the Butter Daisy, these circling small, fluffy yellow centers. It grows to 40 inches, and it is full of bloom, June until into November. A splendid cut flower. *Illustrated page 4*. It is *VERBESINA ENCELIODES*. An easy and quick annual flower. Pkt. 10c;  $\frac{1}{4}$  oz. 20c.

**SALMAGUNDI** doesn't always mean pickles. One dictionary meaning is "a medley," and our particular **SALMAGUNDI**, offered here, is surely that. It is a mixture of seeds of pretty nearly everything we offer, including *Treasure Chest* listings, and of a few we don't as yet catalog (left-over from our own trial sowings). Of some kinds there will be just a trace, of others much, for this is where old seeds go. Seeds are mostly one-year old, a few older. They won't all grow, but a lot of them will, and at low price at which this is sold, you can be pretty sure of getting excellent value in plants from it.  $\frac{1}{4}$  oz. 20c;  $\frac{1}{2}$  oz. 35c; 1 oz. 60c;  $\frac{1}{4}$  lb. \$2.00.



**1 BRUCKENTHALIA SPICULIFOLIA** — rkt(2)10. Tufted heath-cousin with leaves like evergreen fur, pretty little pink flower-bells above. Rock garden. Pkt. 20c.

## 5 BUDDLEIA or BUTTERFLY BUSH 1

Flowers of soft blue, lilac, lavender, rose-violet, glowing wine purple, sometimes in pink, and one or two species even of orange, are carried in long, dense tapering racemes over a period of many weeks. At Philadelphia, most of the Buddleias are winter-hardy shrubs. In colder climates they may behave as herbaceous perennials, only the roots living over, and new stems arising each season. Since they bloom on the new growth, this doesn't lessen the number of flowers. Buddleias grow with ease from seed, usually giving a truss or two of bloom first year from early sowings. *Illustrated opposite.* We offer a mixture of both hybrids and species in full color range. Order as **BUDDLEIA SPECIAL BLEND**. Pkt. 20c;  $\frac{1}{16}$  oz. 40c;  $\frac{1}{8}$  oz. 75c.



**BUDDLEIA SPECIES AND HYBRIDS**—All here are of easy handling; all hardy unless otherwise stated. **ALTERNIFOLIA**—Garland Buddleia. The flowers are carried in very many, dense clusters all along the slender, whip-like branchings, giving garland or wreath effect. The blossoms are deep lilac-lavender. Late spring. Particularly hardy. Pkt. 20c; Plants, each 70c; 3 for \$1.85; 10 for \$6.00. **PINK CHARMING**—Near to pure pink are the dense, slender spikes. Long in bloom. Plants, each 70c; 3 for \$1.85. **AVALON BLUE**—Flowers of blue-lavender, appearing close to skyblue in certain lights. Big, close, full spikes, not tapering. Long bloomer. Plants, each 85c. **AVALON WHITE SPIRES**—Snowy white are the many long, tapering spire-spikes. A constant bloomer and good cut flower. Plants, each 85c; 3 for \$2.85. **ILE DE FRANCE**—Heavy, tapered spikes of rich and glowing claret purple. Free blooming. Plants, each 70c; 3 for \$1.85. **GLOBOSA**—Chilean Buddleia. Globe-clusters of golden orange. Usually grown North as a pot plant, but root-hardy outside at Philadelphia. Pkt. 20c. **FALLOWIANA**—Many short, thick spikes of pleasing lavender. Long bloomer. Pkt. 20c. **COLVILLEI**—This rather tender species has been called handsomest of Buddleias. The flowers come in varying crimsons. Pkt. 20c. **ASIATICA**—Fragrant panicles of pure white. Not hardy; for pot culture under glass. Good cut flower. Pkt. 20c. **OFFER 39A9**—One pkt. each of the five offered in seeds, for \$1.00. **OFFER 41AN9**—One plant each of the five so offered, for \$3.35.

## 3 CALADIUM FANCY-LEAF 4

Rose, crimson, bronze-purple, translucent cream, vivid emerald, all zoned, splashed and margined are the Calla-like leaves, as bright and showy as any blossom could be. A colorful pot plant or tubers may be planted outside in spring for effective summer bedding. Tubers, spring delivery, fine mixture, each 35c; 3 for 95c; 10 for \$2.90.

**THE BEST GARDEN REFERENCE**—It is, we think, the book **HORTUS SECOND**, by the Baileys, 832 pages of concise horticultural information. Covers 18,000 species. Authoritative, botanically accurate, but easy to use and to understand. \$7.50.

**2 CALCEOLARIA PEERLESS HYBRIDS**—w. The big purse shaped blossoms are carried in a long, profuse freedom that makes Calceolaria notable among pot plants. Brilliant colorings, from lemon, through gold and brown, to copper and crimson, often splashed and tigered contrastingly. Usually grown as a window or conservatory plant, but can be used for summer bedding. Pkt. 50c; 3 pkts. for \$1.40.

**2 CALCEOLARIA ANDEAN SPECIES**—w. The Andean highlands of Colombia, Ecuador and Peru are rich in rare and beautiful Calceolaria species. We offer seeds of species Calceolarias collected in that area, being mostly of tender kinds suitable for pot culture. Available in mixture only. Pkt. 40c.

**\* CALANDRINIA MENZIESi** — (Speciosa) — edx(2-3)9. Showy Annual for a sunny position, flowering profusely for some three months, blossoms of ruby crimson. It makes a splendid rock garden filler, or it may be used as an edger, or for bedding. Pkt. 20c; 3 pkts. for 50c.

**1 CALANDRINIA UMBELLATA**—\*erdk(8)3. Mats of flaming purple blossoming for months on end. Likes hot, dry position. Perennial with care, or may be grown as an Annual. A beauty from Peru. Pkt. 20c; 3 pkts. for 50c.

## \* PAINT-BRUSH FLOWER

The blossoms of **CACALIA** are tufted fluffy tassels that seem to have been dipped in paints of vivid red or of golden orange. A gay and easy annual, in bloom for months. Botanically *Emilia sagittata*. Ecx(8)25. Pkt. 15c; 3 for 40c.

## CACTUS FLOWERS

Lovely blossoms are here, along with bizarre, decorative foliage forms. The flowers may be lemon, golden, cinnabar, pure red, purple, rose, pink, or in pastel tones, and in few plants are they more showy. Though mostly grown as pot plants, it will be noted that some of the kinds, with slight protection, will winter in northern gardens.

**EPIPHYLLUM PEERLESS HYBRIDS**—w. *Phyllocactus*. Certainly the freest flowering of any Cactus group, and perhaps the showiest in bloom among all house plants, are these, the Epiphyllums, *illustrated opposite*. Magnificent blossoms in cream, pink, orange, scarlet, crimson, lavender and purple. 10 seeds for 25c; 50 seeds for \$1.00.

**EPIPHYLLUM PLANT CUTTINGS**—We offer cuttings, mostly unrooted, at 3 cuttings for \$1.15 each of the 3 different as to color of flower, but colors not specified or marked, or single cuttings will be supplied at 40c each, no choice of flower color but all good. Plant in dry sand or sandy potting soil, and give no water until roots begin to form.



**SELENICEREUS MACDONALDIAE**—A magnificent species is the Queen of the Night, by far the finest night-blooming Cereus. The blossoms come in spring, snowy white, sometimes fifteen inches across, the largest in the Cactus family. Single-stem plants, five inches up, at each 65c.

**NYCTOCEREUS SERPENTINUS**—Showy fragrant flowers, three inches across, bluish-suffused white within, rose-shaded without, are carried on cylindrical, bright green stems that ramble, twine and climb. Best put a stake or miniature trellis in the pot. Makes a showy and distinctive plant when well grown and in bloom. Each 60c; 3 for \$1.60.

**EASTER LILY CACTUS**—Echinopsis Hybrids. Grown for the beautiful flowers, big, bright blossoms in pink, white and shades of rose. The diameter of the flower is often as great as that of the plant itself. *Illustrated opposite.* The plants are semi-globes, ridged, somewhat spiny. Mixed colors. Pkt. 20c. Plants, each 50c; 3 for \$1.40.



**OFFER 42AN9**—Flowering Cactus Collection. One plant each of *Selenicereus* (Night-blooming Cereus), *Nyctocereus*, and *Easter Lily Cactus*, with three cuttings, each different, of *Epiphyllum*, six in all, for \$2.60.

**CACTUS ORNAMENTAL BLEND**—A widely inclusive blend of the better ornamental Cacti, intended primarily for pot culture. Weird and curious stem formations, with richly hued, feathery flowers, followed often by jewel-like fruits. Wonderfully diverse mixture that includes selected species from about all sections of the group except *Epiphyllum* and *Selenicereus*. Pkt. 25c; 3 pkts. for 70c; 10 pkts. for \$2.00.

**SEEDS OF CACTUS SPECIES**—We can supply seeds of many separate Cactus species and group mixtures. See our **TREASURE CHEST OFFER**, sent gladly on request.

**1 ECHINOCEREUS ENGELMANNI**—Strawberry Cactus. Large flowers, pink to rose purple, are carried on the clustered, ridged stem-cylinders. Bright red fruits, edible and of very good flavor. This species bears cold to about ten degrees above zero, and may be grown in rock gardens, but in areas colder than indicated, should have some winter protection. Pkt. 30c.

**OPUNTIA MACRORHIZA**—A fully winter-hardy species, fine rock garden or border perennial. Branching, piled, thick green pads. Large and showy flowers of creamy yellow, stained coppery crimson at petal base. Pkt. 20c. Also available as divisions or pad cuttings that will quickly root, each 45c; 3 for \$1.20.

**OPUNTIA COMPRESSA**—A pretty, fully winter-hardy cactus that is practically spineless. Tangles of glossy green pads. Attractive flowers of bright lemon yellow. Exceedingly free-blooming. Divisions or pad cuttings, each 45c; 3 for \$1.20.



**5 CALYCANTHUS FLORIDUS**—k. Sweet Shrub. Easy shrub with chocolate colored flowers that have fragrance of strawberries. Pkt. 15c;  $\frac{1}{2}$  oz. 40c.

**CALLIRHOE PAPAVER** — \*crbt(8)16. Longest blooming season of any perennial at Old Orchard. Blossoms are big cups of claret crimson on upcurved stems, the plants 30 inches across. Pkt. 20.

**CALLIRHOE INVOLUCRATA**—\*ergekt (3-4)8. Buffalo Rose. Two months of glowing wine-crimson cups. Drought and sun but seem to make this hardy, drought-resistant trailer flame more fiercely, a fire of gorgeous, blinding blossoming. Rugs four feet across spread from center root-tubers. Rock garden, bedding, banks or as a carpeter. Pkt. 20c;  $\frac{1}{16}$  oz. 35c;  $\frac{1}{8}$  oz. 50c. Plants, spring or fall, each 45c; 3 for \$1.25; 10 for \$3.60; 25 for \$8.00.



## \* CALENDULA

Splendid cut flowers are the Scottish Marigolds (Calendulas), and decorative, too, as they grow in the summer garden. Of easiest handling, and long in bloom. We offer selections from the best of many sorts, in brightest yellow, old gold, orange with scarlet sheen, tangerine, apricot, cream-primrose; from even, formal fullness, through shaggy and quilled arrangements to Chrysanthemum interlacings and cretings. One blend, just the best. Order as CALENDULA AVALON SPECIAL. Pkt. 10c;  $\frac{1}{2}$  oz. 30c; 1 oz. 50c.

**CALENDULA ORANGE BEAUTY**—Long-stemmed flowers of large size, often more than  $3\frac{1}{2}$  inches across. The coloring is a brilliant orange, blossoms built of loosely graceful petals, incurved at the center. Perhaps best orange Calendula yet introduced. Pkt. 20c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{4}$  oz. 50c.

## 3 THE CALLA LILIES 4

Wonderfully satisfactory as pot plants for winter bloom or they will handle with ease for flowers in the summer garden. Don't think, though, that you can have blossoms from the same bulbs both winter and summer. It won't work—at one season or the other the bulbs must rest. You can make your choice as to when, keeping the tubers dormant in a cool cellar during the "off" season. ZANTEDESCHIA.

**BLACK-THROAT CALLA**—Z. melanoleuca. w. Large flowers of soft yellow with velvety maroon blotch deep within. One of the better Callas. Illustrated opposite. 7 seeds for 35c; 25 seeds for \$1.00. Tubers, each 75c.

**PINK CALLA**—Z. Rehmanni. w. From palest blush, through pink, to rich rose, or rarely white. Dwarf, compact, floriferous. Needs less water than do other Callas. Pkt. 25c; 3 pkts. for 70c; 10 pkts. for \$2.00. Tubers, available September to June, each 60c; 3 for \$1.65; 10 for \$5.00.

**GOLDEN CALLA**—Z. Elliottiana. A waxen beauty, flowers large, golden, lustrous. Pkt. 25c. Tubers, October to June, each 45c; 3 for \$1.20; 10 for \$3.50.

**CALLA ALBO-MACULATA** — Flower-spines of creamy white with hint of purple within. Rather decorative, white-spotted leaves of arrow shape. A species of much merit that does very well under ordinary garden conditions, or it will make a wonderfully effective showing in stream or pool-side plantings. Seeds grow readily. Pkt. 20c;  $\frac{1}{8}$  oz. 40c;  $\frac{1}{4}$  oz. 75c. Tubers, 3 for 70c; 10 for \$1.90; 25 for \$4.25.

**THE BLACK CALLA**—Highly decorative, but not a Zantedeschia, instead the Sable Arum. Within, the spathes are black-maroon, but outside, olive. Valued for either pot culture or the summer garden. Seeds, 6 for 25c. Tubers, September into early winter, each 65c; 2 for \$1.25.

**WHITE CALLA**—Z. aethiopica. Fine pot plant, or can be grown in the garden. Fragrant "Lilies" of purest waxen whiteness. Pkt. 20c; 3 pkts. for 50c; 10 pkts. for \$1.50. Tubers, spring or autumn, each 45c; 3 for \$1.20; 10 for \$3.50.

**OFFER 43A9**—One pkt. each of the six Callas for \$1.80.



**1 CALIFORNIA ROSE**—Not a rose at all, but rather rose-like in its flower, this pretty trailer will carpet a bank, edge a drive, or revel in any odd corner space. Lovely double flowers in the purest of pinks appear all summer long. See illustration opposite. Winter-hardy. Botanically Calystegia pubescens fl. pl. Supplied as sections of root, all that one needs to plant. Each 40c; 3 for \$1.10.



## \* CALLIOPSIS (Annual Coreopsis)

For surprising showiness with scant effort, use Calliopsis. In bloom for months. We offer a mixture. Included will be flowers of gleaming golden hue, others zoned or splashed with mahogany, still others all velvety crimson. These are all single varieties, in the 25 to 36 inch height range. Order as CALLIOPSIS PEERLESS BLEND. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

**CALLIOPSIS DOUBLE MIXED**—Striking yellows, orange, maroon, rich brown in interesting combinations, blossoms double. 30 inches. Pkt. 15c;  $\frac{1}{4}$  oz. 35c.

**CALLIOPSIS DWARF MIXED**—A blend of low kinds suitable for edgings and the like. Full color range of the tall, and even richer in ruddy browns and maroons. Valued for edging or bedding. 9 to 12 inches. Pkt. 10c;  $\frac{1}{4}$  oz. 30c;  $\frac{1}{2}$  oz. 50c.

## ANNUAL PUZZLE GARDEN

A blend of flowers that will bloom first year. Many rare and unique kinds are included, along with those of general standard interest. Even the longest order needs this, too, for the Puzzle Garden is pretty sure to include some things that you would not otherwise have. Not less than  $\frac{1}{8}$  oz. sold.  $\frac{1}{2}$  oz. 20c;  $\frac{1}{4}$  oz. 35c; 1 oz. \$1.00.

## 3 THE CAMAS LILIES

Beautiful in flower are these fully hardy bulbs, in great spikes that remind of Eremurus, and have rather like decorative garden effect. The spikes are loosely set with big star-blossoms in delightful color variations, cream, to blue and purple. **CAMASSIA CUSICKI**—60 inches. Rarest, and perhaps finest; certainly the tallest. Big flowers, from pale lavender and mauve, to indigo and violet. Pkt. 20c;  $\frac{1}{16}$  oz. 35c. **ESCULENTA**—16 inches. A pretty little species with spike-clusters of pale blue flowers. Called Wild Hyacinth. Pkt. 20c. **LEICHTLINI**—48 inches. Great stars of flowers, usually in blue, varied tones light to dark, but sometimes in pure or creamy white. Illustrated opposite. Easy. Pkt. 15c;  $\frac{1}{16}$  oz. 30c. **QUAMASH**—25 inches. Blue Camas Lily. Loose spray-spikes of blossoms in a deep blue, not far from indigo. Pretty in clumps of 5 or 6 bulbs together. Pkt. 15c;  $\frac{1}{16}$  oz. 25c;  $\frac{1}{8}$  oz. 40c. **OFFER 40A9**—One pkt. each of the four for 60c. **CAMASSIA FINEST MIXED**—The Camassia above in blend. Pkt. 15c;  $\frac{1}{16}$  oz. 30c;  $\frac{1}{8}$  oz. 50c;  $\frac{1}{4}$  oz. 85c. Culture "kt."



## 3 CALOCHORTUS

Called Butterfly Tulip or Mariposa. Blossoms to five inch diameter, rarely less than two, in rainbow hue, often banded, blotched or embossed in contrasting color tones. They vary much in form of flower, downy stars, fairy lanterns, then the great Mariposas or blossom-butterflies. Pink, rose, lavender, cream, citron, orange, yellow will appear. "yt" culture. Illustrated above. Pkt. 20c;  $\frac{1}{16}$  oz. 40c.

**TELEGRAPH PLANT**—Desmodium gyrans. Panicles of violet flowers. In bright sunlight the lateral leaflets move up and down, as though signaling. To be grown as a pot plant under glass. Pkt. 25c.



# 1 CAMPANULA or BELL-FLOWER

Few perennials are easier than Campanula, and quite surely there are none more wholly desirable. Easy "x" culture.

**ABIETINA**—10 inches. Wide violet flowers on fine stems, above green foliage mats. Likes gravelly soils but will thrive in good garden loams. Plants, each 50c.

**ALLIARIAEFOLIA**—(3)36. Clear white bells away from the many stems. Well-grown, a handsome plant. Pkt. 20c.

**AUCHERI**—6 inches. Downy bells of glorious purple above tufted foliage clumps. Armenian mountains. Pkt. 20c.

**BARBATA**—(2-3)12. A lovely, but easy and vigorous alpine species. Many rather large bells of china-blue. Pkt. 15c;  $\frac{1}{32}$  oz. 25c;  $\frac{1}{16}$  oz. 40c.

**CARPATICA BLUE**—(2-4)12. Spreading mounds of dainty, upfacing cup-flowers in varied shades of blue. Easy, floriferous, long in bloom. Pkt. 15c;  $\frac{1}{16}$  oz. 40c;  $\frac{1}{8}$  oz. 75c; Plants each 45c; 3 for \$1.25; 10 for \$3.80.

**CARPATICA WHITE**—Like last, but with big blossoms that are purest white, or rarely with faint azure suffusion. Pkt. 20c;  $\frac{1}{16}$  oz. 45c;  $\frac{1}{8}$  oz. 80c. Plants, each 50c; 3 for \$1.40.

**COCHLEARIFOLIA ALBA**—(2)6. Truly a delight. Dancing little white bells on fine stems over green mats of overlapping foliage. Here is dainty beauty for the rock garden. Pkt. 25c. Plants, each 65c.

**COLLINA**—(2)10. A gay and easy Campanula with big bell-flowers of satiny blue-purple above tufted, downy foliage. Pkt. 25c;  $\frac{1}{32}$  oz. 75c.

**FRAGILIS**—(3)6. An altogether beautiful semi-trailer with many short, straying, semi-prostrate stems set with rather large star-bells of deep blue. Pkt. 30c; 3 pkts. for 80c.

**GARGANICA**—(2-3)6. Exquisite, wide stars of pure mid-blue in close, radiant sprays. Particularly long blooming season. Perhaps most delightful of the whole lovely group of Adriatic bell-flowers. Pkt. 25c;  $\frac{1}{4}$  oz. 40c;  $\frac{1}{2}$  oz. 70c;  $\frac{1}{16}$  oz. \$1.20. Plants, each 65c; 3 for \$1.80.

**GLOMERATA**—(2)30. Blossoms usually blue, sometimes white, are densely gathered in head-like clusters. Showy perennial for the mixed hardy border. Pkt. 20c.

**LACTIFLORA**—(3-4)30. Great domes of upfacing saucer-stars, usually of white with azure suffusion, but sometimes pale blue, or even skyblue. Very different in effect from any other Campanula here, and truly a beauty. Pkt. 20c;  $\frac{1}{16}$  oz. 50c. Plants, each 50c.

**LATIFOLIA MACRANTHA**—(3)48. Particularly large, flaring bells of flowers in dark blue-violet, these carried in loose spikes. A showy perennial of vigorous, branching habit. Pkt. 15c;  $\frac{1}{16}$  oz. 35c.

**LATIFOLIA ALBA**—(3)48. Big bell-flowers of purest white. A very good species for the mixed hardy border. Pkt. 15c;  $\frac{1}{16}$  oz. 35c.

**LATIOBA SIX HILLS GIANT**—Showy border species from the Caucasus, in this variety with many big saucer-flowers of softest blue. The several blossom-laden stems may reach four feet. Plants only, each 65c; 3 for \$1.75.

**PERSICIFOLIA BLUE**—(2-3)30. Peach-leaf Bellflower. One of the more desirable hardy perennials. Very many big, blue flower-bowls. Blooms over a rather long season. Pkt. 15c;  $\frac{1}{16}$  oz. 30c;  $\frac{1}{8}$  oz. 50c. Plants, each 55c; 3 for \$1.50.

**PERSICIFOLIA WHITE**—Like last, but flowers of pure white, or, rather rarely, with faint azure suffusions. Pkt. 20c;  $\frac{1}{16}$  oz. 35c;  $\frac{1}{8}$  oz. 60c. Plants, each 55c; 3 for \$1.50.

**PERSIC. TELHAM BEAUTY**—A spectacular beauty, with big, rather saucer-shaped flowers of clear china-blue. This is the true, original variety, vegetatively propagated. 30 inches. June-July. Plants, each 60c; 3 for \$1.50.

**PERSIC. BLUE GARDENIA**—A fine, double-flowered sort with blossoms that remind of deep blue Gardenias. No better double-flowered Campanula. 30 inches. Plants, each 65c.



CAMPANULA PUNCTATA

**PORTENSCHLAGIANA**—(2-3)5. One of the daintier and prettier rock garden Campanulas, a dwarf, spreading species, mantled with profuse blue stars. Syn. C. muralis. Pkt. 25c.



**POSCHARSKYANA**—(2-3)6. A pretty and graceful semi-trailing star-bell from Dalmatian cliffs. Blossoms of bright blue-violet for months. *Illustrated opposite*. One of the better low species. Pkt. 20c;  $\frac{1}{32}$  oz. 40c. Plants, each 55c; 3 for \$1.50.

**PUNCTATA**—(3)28. A very different, and very beautiful, Campanula from mountains of Japan. Rugged towers of big, pendant bells, from translucent, creamy pink, through lilac, to vinous purple. Sometimes white forms appear. *Illustrated opposite*. Pkt. 20c;  $\frac{1}{16}$  oz. 40c. Plants, each 50c; 3 for \$1.40.

**PYRAMIDALIS BLUE**—(3-5)70. Great Chimney Bell-flower. The several towering stems, often to six feet, are loaded and lined with saucer-bells in pale to mid-blue. A well-grown specimen is truly spectacular. Pkt. 15c;  $\frac{1}{16}$  oz. 35c;  $\frac{1}{8}$  oz. 60c.

**PYRAMIDALIS ALBA**—(3-5)70. Here is the Chimney Bell-flower with pure white blossoms. Pkt. 20c;  $\frac{1}{16}$  oz. 40c.

**RAINIERI**—(2-3)5. Low, gray-green tufts carry particularly large, upfacing, almost stemless bells of waxen china blue. A rare rock garden beauty, native to cliff-crevices of the Italian Alps. Pkt. 30c; 3 pkts. for 80c.

**RAPUNCULOIDES**—(8)35. Rover-bell. Spires of loosely swung bell-blossoms for months, soft blue to deep violet. A Campanula so easy that it has been sometimes under-rated by those writers who seem to believe that only the garden-difficult kinds can be beautiful. *Illustrated opposite*. Pkt. 15c;  $\frac{1}{16}$  oz. 30c;  $\frac{1}{8}$  oz. 50c. Plants, each 45c; 3 for \$1.20; 10 for \$3.50.

**ROTUNDIFOLIA**—(8)15. The variable, always lovely, Harebell or Bluebell. Low showers of pretty little bells, hundreds of them on stems slender, almost threadlike. Luminous violet is usual, but many a tone of blue may appear, or even white. Thrives in full sun, or equally, in dampish shade. Pkt. 20c;  $\frac{1}{16}$  oz. 50c. Plants, each 50c.

**THESSALA**—(2-4)15. Fine-leaved, densely bushy plants with multitudes of slender stems that carry tilted, airy bells of rich blue in great numbers. Plants, each 60c.

**TURBINATA**—(2-4)8. This fine rock garden, edging or bedding race may be considered as a lower, more spreading Campanula carpatica, the foliage gray-green, the flowers wide cups of china blue. Pkt. 25c; 3 pkts. for 70c.

**OFFER 46A9**—One pkt. each of the 24 Campanulas offered in seed form for \$4.30.

**OFFER 47AN9**—One plant each of the 16 Campanulas offered in plant form, with names, for \$8.00.

**CAMPANULA ROCK GARDEN BLEND**—Desirable low-growing kinds in wide range. Pkt. 20c; 3 pkts. for 50c.

**CAMPANULA BORDER BLEND**—Taller sorts, suitable for the mixed border, or for cutting. Pkt. 15c;  $\frac{1}{16}$  oz. 30c.

**CANTERBURY BELLS**—Here are flowers of pleasant memories. Monocarpic. ebx(2-3)30. **SINGLE MIXED**—The simplest in form, and, to our mind, the prettiest and most graceful. Big fluted pitchers in blue, violet, white, rose and pink. Mixed. Pkt. 15c;  $\frac{1}{16}$  oz. 25c;  $\frac{1}{8}$  oz. 40c. **DOUBLE MIXED**—It is pitcher within pitcher, color range of the last. Pkt. 15c;  $\frac{1}{8}$  oz. 50c. **CALYCANTHEMA**—Each pitcher-flower has a wide saucer under it in like coloring. Mixed, in full color range. Pkt. 15c;  $\frac{1}{8}$  oz. 50c;  $\frac{1}{4}$  oz. 85c. **ANNUAL CANTERBURY BELLS**—Here is a specially selected, quick-growing strain, giving flowers within six months from sowing. Started early, it will give nice bloom first season. Mixture of the colors. Pkt. 15c;  $\frac{1}{16}$  oz. 35c. **OFFER 48A9**—One pkt. each of the four for 50c.



## 3 COOPERIA OR EVENING STAR

Rain Lily is still another name for Cooperia pedunculata, a very lovely summer-flowering bulb. *Illustrated page 5*. The large, fragrant, upfacing blossoms open pure white, becoming pink-suffused. Dig and store like Gladiolus. A new burst of bloom follows each summer shower. ecx(3)18. Pkt. 15c. Bulbs, spring delivery, 3 for 40c; 8 for \$1.00.



\* **CANARY BIRD VINE**—ex(3) 10 ft. A graceful annual vine with deeply lobed leaves and blossoms in bright yellow of form that suggests the name. Pkt. 15c; ½ oz. 45c.

\* **CARDINAL CLIMBER**—ek 12 ft. Graceful annual vine with fine foliage. Flowers of brilliant red-cardinal. Ever-blooming. Delightful on a trellis, or it will make a fence into a wall of green, set with ruby brilliance. Pkt. 15c.

### \* CANDYTUFT

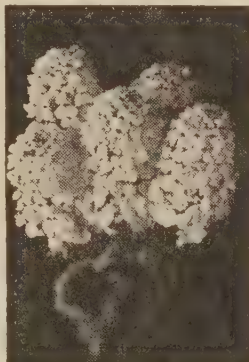
Annual Candytufts these, pretty and free-blooming flowers, quick and easy from seed. See also Iberis.

**UMBELLATA FINEST MIXED**—ebx(2-3)12. Flowers, wide-clustered, in soft pink, rose, cardinal, crimson, lilac, white. Quick to bloom. Beds, edging, rock garden. Pkt. 10c; ¼ oz. 30c.

**UMBELLATA ROSE CARDINAL**—A bright, glowing tone. Much used for bedding where vivid color is needed. Pkt. 10c; ¼ oz. 35c.

**GIANT HYACINTH-FLOWERED**. Plants massively branched in candleabra form, each branch a thick hyacinth-spike of snowiest white. Fine or cutting. *Illustrated opposite*. Pkt. 10c; ¼ oz. 20c; ¼ oz. 35c; 1 oz. \$1.10.

**LITTLE PRINCE**—The last in dainty miniature, height only to six inches. Delightful edger or bedder, or a pretty pot plant. Pkt. 15c; ¼ oz. 35c.



### 3 AN AUSTRALIAN DELIGHT

It is **CALOSTEMMA PURPUREUM**, a rare and pretty Australian bulb-flower that may be easily grown in our summer gardens. The flowers are carried in open clusters on stems to 20 inches. Each of them is but an inch or a bit more across, but a whole circle of the blossoms is open at once, making a really effective showing. The blossoms are formed in reminder of Daffodils, the part of the flower that would be the perianth, showing as an attractive rose-toned crimson, while the little cups are pale primrose yellow, rose-suffused at base. Give Gladiolus culture throughout, digging and storing over winter. Bulbs, each 60c; 5 for \$2.75; 10 for \$5.00.

### 1 CALLUNA or HEATHER

The true **HEATHER** of story and song, *Calluna vulgaris*, is a fully hardy plant with fine, evergreen, always attractive, foliage and multitudes of pretty little flower-bells in white, pink or purple. Given sun and good drainage and it will thrive alike on good garden soils or in sandy, stony places. A variable species, and may show interesting new forms. "kt" culture. Pkt. 20c; ¼ oz. 30c; ½ oz. 50c.

**HEATHER PLANTS**—For rock garden, edging, ground cover or the mixed hardy border. **COPPERY HEATHER**—14 inches. This graceful beauty makes irregular mounds of feathery foliage, light green in summer, but as autumn grows cool the leaves become gold-tipped, then all bronzy copper, and by winter the whole plant is coppery maroon. Rosy flowers. Plants, each 75c; 3 for \$2.00; 10 for \$6.00. **HAMMONDI ALBA**—20 inches. Fine foliage, always emerald green. Fountain-like branchings filled with little white flowers. In northern Europe, you know, it is "white heather for luck". Plants, each 70c; 3 or \$1.90. **DWARF PURPLE**—10 inches. Dense-growing, dark green form, filled with rosy purple flowers. Plants each 65c; 3 for \$1.80. **OFFER 44AN9**—One plant each of the three above for \$1.95. **OTHER HEATHERS**—See also the **TREASURE CHEST OFFER**, sent on request, for listings of other desirable Heathers.

### CAMELLIA

**6 CAMELLIA JAPONICA BLEND**—w(7). Clear-hued waxen blossoms; white, salmon, rose or cherry. Emerald, ever-green foliage. Splendid pot or tub plant, thriving in sunny window in cool room. Sow under frames in spring or in heat at any time. Latest crop seed, but Camellia never gives perfect germination. Large, nut-like seeds, 8 for 25c; 20 for 50c; 50 for \$1.00; 100 for \$1.75.

**BOOK**—We can supply the illustrated book, **AZALEAS AND CAMELLIAS**, Hume, giving descriptions, propagation, care, at \$2.00 the copy.

**2 CARICA PAPAYA**—w. In the north, an easy, speedy large pot or tub plant, decorative in Palm reminder. Well-grown plants bear the melon-shaped papaya fruits the second year, these edible, highly esteemed in the tropics. Few exotics so curious may be grown with so little fuss and care. Pkt. 15c.

**2 CARICA CANDAMARCENSIS**—w. Ornamental species to be grown as large pot or tub plant, or plunged in the summer garden. Handsome, dark green foliage. As graceful and exotic as a Palm, and far quicker and easier. Pkt. 25c.

**5 CARYOPTERIS TANGUTICA**—(8)30. Very many exceedingly slender, whip-like branches, set with aromatic whorls of violet-blue flowers. Actually woody enough to be classed as a low shrub, but because of its graceful habit and slender growth it will fit well among herbaceous perennials in the mixed hardy border. Small plants bloom. Young plants, each 50c; 3 for \$1.40.

### 3 SHOWY CANNAS

Stately plants with decorative foliage in exotic appearance. Trusses of massive, brilliant flowers. *Illustrated below*.

Cannas bloom constantly from early summer until after autumn freezes. In late fall, dig roots and store in dry, frost-proof place. We supply tubers, 2 to 3 eye divisions. **FLOR-ENCE VAUGHAN**—Big yellow flowers, dotted red, and with red throat. Green foliage. **KING HUM-BERT**—Big clusters of scarlet flowers above bronze leaves. **RICHARD WALLACE**—Profuse blossoming in clear yellow, leaves green. **HUN-GARIA**—Desirable deep pink. Green foliage. **WYOMING**—Here the leaves are bronzy maroon, the flowers large and rich orange. **UNIFORM PRICE**—Tuber divisions of any of above, each 25c; 3 for 70c; 10 for \$2.00. **CANNA FINE MIXED**—The above, with others. 3 for 65c; 10 for \$1.90; 25 for \$4.50.



**CANNA SEEDS MIXED**—Seeds saved from varied named kinds. Should give interesting colors and forms. Usually seedlings bloom first year. Soak or file the rather large seeds before sowing. Pkt. 25c; 3 pkts. for 70c.

### 1 CARNATION 2

Spicily sweet perfumes, sheafs of beauty, cut flowers for many a vase. Reasonably garden-hardy. "x" culture.

**CHABAUD GIANT MIXED**—Deeply fringed, double flowers to 2-inch diameters. Clove-scented. Soft pink, rose, yellow, salmon, cardinal and crimson in mixture. Blooms in five or six months from seed. Usually grown as a perennial, but likely to bloom first year. Pkt. 20c; ¼ oz. 40c; ½ oz. 75c.

**CARNATION AVRANCHIN**—Fine, big double flowers of pale yellow, vividly splashed with rose, red and violet markings. Bizarre, but gorgeous. Pkt. 30c.

**SUPERGIANT BLEND**—Immense flowers, fully double, heavily fringed, are carried on sturdy 20-inch stems. About six months from seed to bloom. Flowers quite often a full three inches in diameter. Color range unusually full; in addition to the varied clear self tones of the other strains there will be here a certain percentage of bicolors and buff, bizzarres, smokies, lavenders, garnet, and cherry, with orange-salmon and contrasting flakies. Usually grown as outdoor perennials, but may also be cut back in autumn and potted up for winter bloom in a cool window or greenhouse. Pkt. 30c; 3 pkts. for 80c; 10 pkts. for \$2.40.

**GRENADIN MIXED**—Splendid garden strain, rather hardier than the others, and exceedingly free-blooming. Double flowers of medium size in wide color range, including good proportion of rich, dark tones. 18 inches. Pkt. 20c; ¼ oz. 40c. Plants, fine mixed, each 50c; 3 for \$1.40.

**OFFER 51A9**—One pkt. each of the four for 85c.

### 1 AVALON ROCK GARDEN BLEND

Seeds of the world's finest rock garden plants are here, near to 300 kinds of them, all hardy. It includes every perennial we grow that is of temperament and figure to neighbor pleasantly with rocks and ledges. Doubt that anyone has better facilities for making up such a mixture considering the large number of rare and desirable kinds that we actually grow and offer. Remember, some will be quick germinating, others are by nature, slow. ½ oz. 35c; ¼ oz. 60c; ¼ oz. \$1.00; ¼ oz. \$1.75; 1 oz. \$6.00.

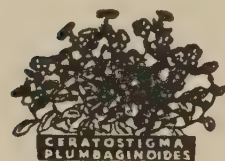


**1 CATANANCHE COERULEA**—ecbk(2-3)25. Cupid Dart. Long-stemmed, attractive flowers in soft blue. It cuts well. A fully satisfactory, enduring perennial of very considerable beauty. Drought-resistant. Pkt. 15c;  $\frac{1}{8}$  oz. 35c;  $\frac{1}{4}$  oz. 60c. Plants, each 45c; 3 for \$1.20.

**2 CATHCARTIA VILLOSA**—rbstkt(3)18. Though this Poppy-cousin comes from Himalayan woodlands, it will thrive in full sun, too. Long-stemmed golden flowers. Handsome rosettes of feathery leaves, covered with tawny down. Pkt. 25c.

**3 CAUTLEIA LUTEA**—k(3)17. Odd flowers of brilliant yellow, then bright red seed capsules. Himalayan, Bhutan to Kashmir. Needs careful winter protection in garden. May also be grown as a pot plant. Pkt. 20c.

**9 CEDRUS LIBANI**—jk 80 ft. The true Cedar of Lebanon, a handsome, ruggedly formed coniferous, evergreen tree. Winter-hardy at Philadelphia and Boston. Pkt. 20c;  $\frac{1}{8}$  oz. 40c.



## 1 CERATOSTIGMA

Mounds of vivid blue brilliance are the diffuse 10-inch plants, from mid-summer well into October. Then the flowers fall, and the red calyces take over to give warm glow to cooling days. Chinese perennial of proved hardiness.

Good foliage, always decorative. *Ceratostigma plumbaginoides*. Illustrated above. Plants only, each 45c; 3 for \$1.20.

**BOOK—PLANNING AND PLANTING YOUR OWN PLACE**—Van de Boe. The answer book of landscape planning. 273 pages. Illustrated. \$2.95.

**7 CELASTRUS SCANDENS**—yt. 50 ft. Waxwork or Bittersweet. Showy hardy vine. In autumn, hung with cluster-sprays of bright orange-and-red fruits that may be dried for winter bouquets. A desirable ornamental for house or landscape use. Also sometimes planted in quantity for commercial cutting. Pkt. 15c;  $\frac{1}{4}$  oz. 30c; 1 oz. \$1.00;  $\frac{1}{4}$  lb. \$3.50.

**1 CELMISIA SPECTABILIS**—rcbkt(2-3)20. The Showy Wool-leaf Daisy of New Zealand. Large white flowers on wool-covered stems over rosettes of leaves that are likewise covered with silvery wool. Pkt. 20c; 3 pkts. for 50c.

**2 CEROPEGIA WOODII**—Heart Vine. An odd and pretty plant for hanging basket or shelf. Slender, trailing stems carry small, very thick, heart-shaped leaves of dark green, marbled with white. The attractive, oddly formed flowers of buff-brown with pink tones and purple shadings, are carried in pairs. Tuberous roots. Each 40c; 3 for \$1.10.

## CASSIA GOLD

Alike chiefly in that they all have showy golden flowers, and all are horticulturally good, the Cassias differ in that some of them are tender perennials, used as large pot plants in the north or open ground far south, while others (*Marilandica* and *Medsgeri*) are fully winter-hardy perennials. **CORYMBOSA**—w(k). Makes a handsome large pot plant, free and long blooming, loaded with golden flowers. It may also be grown in the garden, being then carried over winter in a half dormant state in a light cellar. Pkt. 20c. **ARTEMISIOIDES**—w(k). Pretty winter bloomer with fine, gray-silvered foliage and fragrant, soft yellow flowers. North, a large pot or tub plant. Pkt. 20c. **MARILANDICA**—bmtkt(3)50. A fully winter-hardy perennial of much showiness. Massive racemes of golden yellow flowers. Thrives in either wet or dry soils. Pkt. 15c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{4}$  oz. 40c; **MEDSGERI**—kt(3)60. Very like *marilandica*, slightly smaller in flower, but valuable in that it shows great resistance to summer heat. Fully winter-hardy. Pkt. 15c. **OFFER 50A9**—One pkt. each of above for 60c.

**\* GOLD-COIN FLOWER**—It is that easy and showy Annual, *Cassia fasciculata*, a delight in any sunny place. Graceful fountains of plants, to 25 inches, each pinnately foliaged stem becoming a plume of bright yellow blossoming. The wide flowers of golden yellow have tiny crimson flecks at the base of the petals. Sow early. Pkt. 15c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{4}$  oz. 40c.

## 1 PEERLESS HARDY BORDER BLEND

Seeds of unusual and showy flowers, a blend of more than 100 perennials that are tall, vigorous, and handsome enough to grace the most particular of permanent plantings. Includes many rare kinds. Winter-hardy.  $\frac{1}{16}$  oz. 25c;  $\frac{1}{8}$  oz. 40c;  $\frac{1}{4}$  oz. 75c; 1 oz. \$2.70.

**2 CELSIA ARCTURUS**—wk20. Bear-tail of Crete. Rather large flowers of golden yellow, anthers purple, are carried in big, loose racemes. A handsome plant, arresting when in fullness of bloom. Splendid winter pot bloomer, or can be grown in the summer garden. Pkt. 25c.

**\* CENTAURIUM CHILENSIS**—K(2-3)10. Airy, bushy little plants, filled with starry pink flowers. Distantly in the Gentian relationship. Sow early. Pkt. 20c.

## \* CELOSIA (with Cockscomb)

Attractive annual flowers, easy to grow, pleasant to see. They cut. **CRISTATA EMPRESS**—18 inches. Enormous crests of rich, velvety maroon. Pkt. 15c;  $\frac{1}{16}$  oz. 25c. **BURNING PLUME**—42 inches. Tall dark-leaved plants, much branched. Each branch ends in a great plume of burning red. Pkt. 15c;  $\frac{1}{16}$  oz. 25c;  $\frac{1}{8}$  oz. 40c. **GIANT PLUMED MIXED**—40 inches. Great ostrich plumes in widest color range, including scarlet, crimson, amaranth, orange and yellow, with varied rose tones. Pkt. 10c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{4}$  oz. 40c. **FIRE FEATHER**—12 inches. Red fire here, dwarf plants with great, pointed, silky plumes. Striking. Illustrated opposite. Pkt. 15c; 3 pkts. for 40c. **GOLDEN FEATHER**—Like last except that plumes are bright yellow. These two are useful for pot culture, or they are effective for edging, bedding, or in porch boxes. Pkt. 15c; 3 pkts. for 40c. **CHINESE WOOLFLOWER**—40 inches. Consider it of the plume section, but the diversely, brightly colored flower heads are fluffy, woolly balls. Pkt. 15c. **OFFER 52A9**—One pkt. each of above for 70c.



**CELOSIA JUMBLES**—A blend of all the above, plumes, combs and the rest. A wonderful mixture to sow for a wealth of all-summer cutting material. Pkt. 15c;  $\frac{1}{8}$  oz. 30c.

## 1 CENTAUREA PERENNIAL

Fully hardy perennials that will give quick, robust brilliance. They cut well. "x" culture. Easy germinators. **AMARA**—(4)25. It blooms in late summer and early autumn, big, lacy, lilac flowers. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. Plants, each 45c. **BELLA**—(8)16. Beauty of the Caucasus. Fringed, starry blossoms of mauve pink rise over mats of silvery, feathery leafage. Plants only, each 55c. **BABYLONICA**—(3)100. The stately Cornflower of Babylon. Silvery-leaved pillars are set in each axil with golden tassel blossoms, the whole pillar ending in a close, decorative flower cluster. Pkt. 25c. **FRITSCHI**—(3-4)60. Tall long-bloomer with good violet flowers and feathery foliage. Pkt. 15c;  $\frac{1}{16}$  oz. 20c. **MACROCEPHALA**—(3)45. Enormous golden flowers of fullest, fluffy doubleness. It can be spectacular. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. Plants, each 50c. **MONTANA**—(8)20. Big, airy flowers that seem to be made of bright blue lace. Tends to be ever-blooming. Pkt. 15c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{4}$  oz. 50c. Plants, each 45c; 3 for \$1.25. **ORIENTALIS**—(8)28. Big blossoms that may be either lemon yellow or rose-toned maroon. Long in bloom. Pkt. 15c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{4}$  oz. 50c. Plants, each 50c; 3 for \$1.40. **RUTHENICA**—(3)36. Fairly large, fringed flowers of soft yellow. Pinnate foliage. Pkt. 20c. **SCABIOSA**—(2)40. The earliest to bloom of our perennial Centaureas. Big, full-centered flowers of crushed blueberry color. Pkt. 20c. Plants, each 45c. **STENOLEPIS**—(3)50. Exceedingly profuse bloomer, large blossoms of fringed, roseate lavender from buds of brown basketry. Particularly good for cutting. Pkt. 20c; 3 pkts. for 50c. Plants, each 50c. **TAUSCHERI**—(2-3)20. Wide mounds of silvery foliage are set profusely with small flowers of lace-lavender. Pkt. 20c;  $\frac{1}{16}$  oz. 35c. Plants, each 45c. **OFFER 53A9**—One each of above as offered in seeds, together with one of *Dealbata Rose Delight*, for \$1.65. **OFFER 54AN9**—One plant each of the kinds offered in plant form, including *Dealbata Rose Delight*, for \$3.50.

**CENTAUREA DEALBATA ROSE DELIGHT**—(2-3)40. This desirable, fully hardy, perennial comes from Persia. Rounded, branching plants with pinnate foliage that is white-silvery in reverse, are long filled with big double flowers of rosy lilac with lace-like pink-toned ray flowers. A particularly good one. Pkt. 20c;  $\frac{1}{16}$  oz. 30c;  $\frac{1}{8}$  oz. 50c. Plants each 55c.

**CENTAUREA HARDY BLEND**—Splendid mixture, includes all above, together with the many fine kinds that are listed only in the Treasure Chest. Pkt. 15c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{4}$  oz. 50c.

**OUR SPECIAL BOOK LIST**—It is a folder describing and offering a wide assortment of books on gardening, farming, cooking, crafts, botany, wild flowers, natural history and the like. Please ask for your copy.



## \* CORNFLOWER AND SWEET SULTAN

Garden-decorative, or splendid cut flowers. "k" culture.

**GIANT SWEET SULTAN**—(2-3)35. *Centaurea imperialis*. Big, delightfully fringed and fragrant double blossoms in rose, lilac, wine red, purple, white, often with contrasting centers. Long stems. Fine for cutting. Pkt. 15c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{4}$  oz. 40c.

**GRECIAN SWEET SULTAN**—(2-3)35. *Centaurea suaveolens*. Golden yellow are the exquisitely formed, perfumed, double blossoms. Delightful species. Pkt. 15c; 3 for 40c.

**CORNFLOWERS DOUBLE MIXED**—(2-3)30. *Centaurea cyanus*, called Bachelor Button or Ragged Sailor. Fine double flowers, prettily fringed, in bright blue, pink, ruby, cardinal, maroon, rose, white, mauve. Beds, borders, cutting. Pkt. 10c;  $\frac{1}{4}$  oz. 30c; 1 oz. \$1.00.

**BLUE BOY**—(2-3)30. Brightest Cornflower blue. Delightful for cutting or in the garden. Pkt. 15c;  $\frac{1}{8}$  oz. 25c.

**CYANUS JUBILEE**—(2-3)12. A dwarf, and compact double blue Cornflower, just right for an edging. Exceedingly profuse. Pkt. 15c;  $\frac{1}{8}$  oz. 30c.

**AMERICANA**—(2-4)40. Great Basket-flower. The long-rayed blossoms of rosy lilac, or sometimes creamy white, often run to four inch diameters. Spectacular as a garden decorative. Pkt. 15c;  $\frac{1}{4}$  oz. 35c.

**GYMNOCARPA**—ifbk(2-4)20. Dusty Miller. Massed feathery, silver-gray foliage. Valued for edging or bedding. Pretty purple flowers. A wildflower of the Isle of Capri. Pkt. 15c.

**MACULOSA WHIRLWIND**—(3-4)50. Bushy plants filled with ivory tassels edged with white lace. Sow early. Will naturalize. Pkt. 15c; 3 pkts. for 40c.

**OFFER 55A9**—One pkt. each of above for 90c.

**FIELD BOOK OF AMERICAN WILD FLOWERS**—Mathews. Guide to the wild flowers of eastern America, Atlantic to central Kansas and Dakota. 590 pages, 400 illustrations. \$3.75.

**1 CENTRANTHUS ANGUSTIFOLIUS**—\*erbx(2-5)25. Clustered blossoms in an exquisite tone of silvery sunset pink. A fully hardy perennial. Pkt. 20c.

**1 CENTRANTHUS RUBER**—\*ecbx(2-5)28. Jove's Beard. The attractive flowers may be white, rose, or in varied bright tones of red. A highly desirable perennial suited to any sunny position. Available as WHITE, pkt. 20c; plants, each 45c; 3 for \$1.20; RED SHADES, pkt. 20c, plants each 45c, 3 for \$1.20; and as CENTRANTHUS RUBER MIXED, all the color forms together, at pkt. 20c; 3 pkts. for 50c.

\* **CENTRANTHUS MACROSIPHON**—ek(3)12. Rose Valerian. A quick and pretty Annual of easy culture. Many flattened, rather dense clusters of little, silvery rose blossoms. Pkt. 15c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{4}$  oz. 40c.

\* **CERATOTHECA TRILOBA**—ebk(3-4)60. African Foxglove. Easy annual flowers of tall and stately habit. The blossoms are in Foxglove form, pure lavender with purple throat lines. Pkt. 20c; 3 pkts. for 50c.

**1 CEPHALARIA**—ex. They are very like taller, longer stemmed Scabiosas in soft yellow. Fully winter-hardy and long-lived. Desirable for cutting, or decorative in the mixed border. "x" culture. **TATARICA**—(3)85. Very many creamy yellow flowers on long, graceful stems. Pkt. 15c;  $\frac{1}{8}$  oz. 25c. **RADIATA**—(3)60. Soft sunlight yellow are the double, cushion flowers, all with slender but strong stems. Long blooming season. Pkt. 20c;  $\frac{1}{4}$  oz. 35c. Plants, each 55c. **CORNICULATA**—(4)60. The profuse sheafs of creamy yellow flowers show in late summer and early autumn. Pkt. 15c;  $\frac{1}{8}$  oz. 25c. Plants, each 50c.

**1 CERASTIUM GRANDIFLORUM** (argenteum)—ergx(2)9. Sheets of silvery foliage massed over with rather large white flakes of flowers. A good rock garden or edging perennial. Pkt. 20c. Plants, each 45c; 3 for \$1.20; 10 for \$3.85.

**1 CERASTIUM TOMENTOSUM**—ergdx(2)7. Snow-in-Summer. Wide mats of white-woolly foliage, covered through late spring with pure white, starry flowers. Fully hardy. Thrives in sunny places. Rock gardens, edgings, bedding, carpeting. Pkt. 15c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{4}$  oz. 50c.

**6 CESTRUM**—w. Winter-blooming plants of much attractiveness. Save in the extreme South they are usually handled in pots. **NOCTURNUM**—Called Night-blooming Jessamine from the exceeding night-sweetness of the creamy yellow flowers. Pkt. 20c. **AURANTIACUM**—In this species the perfumed flowers are of a rich yellow. Pkt. 20c.

**5 CHAENOMELES JAPONICA**—y. Japan Quince. Hardy shrub, covered in spring with scarlet blossoming. Later come yellow fruits from which jelly may be made. Pkt. 15c.

**2 CHAMAELAUCIUM CILIATUM**—w. Geraldton Wax-flower. The five lobed blossoms seem carved from pink wax. Fine foliage. Australia. Pot plant, north. Pkt. 20c.

\* **CHARIEIS HETEROPHYLLA**—erk(2)10. No Gentian could exceed the vivid coerulean intensities of these pretty little spring daisies. Pkt. 15c.

**2 CHAENOSTOMA GRANDIFLORUM**—\*ew(8)35. Called Purple Glory from the racemes of large Phlox-like flowers in the richest of royal purples. Near to everblooming. Excellent foliage. A very good pot plant, or by early starting, may be grown in the summer garden. Pkt. 20c.

**2 CHERRY SAGE**—An easy and delightfully gay house plant that may be kept in bloom almost the year around. The flowers are of a brilliant cerise tone, the color of a ripe Cherry. Plant is dwarf and compact, with dark green foliage. May also be used as a garden bedder. It is *Salvia microphylla*. Pot-grown plants, each 45c; 3 for \$1.25; 10 for \$3.80.

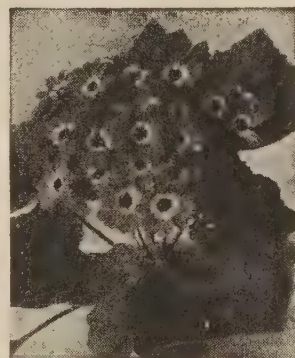
## 2 VIVID CINERARIA\*

Wide clusters of brilliantly colored blossoms. No pot plant has brighter flowers. Botanically *Senecio cruentus*. For the "Annual Cineraria" of the garden, see *Senecio arenarius*. ew.

**CINERARIA GIANT EXHIBITION MIXED**—Splendid exhibition pot plant. Great flowers, to  $3\frac{1}{2}$ -inch diameters, in many rare, intense colorings, rich selfs, others with white centers. Not excelled by any Cineraria strain whatsoever. Illustrated opposite. Pkt. 40c;  $\frac{1}{128}$  oz. \$1.00;  $\frac{1}{64}$  oz. \$1.90.

**CINERARIA MULTIFLORA**.

**NANA**—Dwarf, compact plants, small in leaf, flowers around an inch in diameter produced in vast numbers in closely packed, showy clusters. There will be blues of burning brilliance, with carmine, rose, white, pink, many brightly zoned. Much used as a window plant. Pkt. 35c; 3 pkts. for \$1.00.



**BOOKS**—For those who want, or have, a greenhouse. **GREENHOUSE GARDENING FOR EVERYONE**—Chabot. Every phase. Care, soils, cuttings, sowings, cut flowers, bulb forcing, heating. How to build the small greenhouse. Frames. Illustrated. \$4.00. **GREENHOUSES; THEIR CONSTRUCTION AND EQUIPMENT**—Wright. Construction of all types. Heating. Water supply. Illustrated. \$2.50.

**1 CHEIRANTHUS ALLIONI**—\*erbk(2)10. Many sprays of vivid orange flowers in late spring and summer. Sown early, can be brought into bloom the first year. Pkt. 10c;  $\frac{1}{8}$  oz. 20c;  $\frac{1}{4}$  oz. 35c.

**1 CHEIRANTHUS GOLDEN BEDDER**—Like the last, but flowers are golden yellow. Pkt. 15c; 3 pkts. for 40c.

**2 CHIRONIA BACCIFERA**—\*w(3)8. A lovely, pink-flowered "Gentian" from South Africa. For months great masses of pure pink blossoms, these followed by multitudes of glowing scarlet berries. May be grown in the open ground, but also makes a desirable pot plant. Pkt. 20c.

**3 CHLOROGALUM POMERIDANUM**—bmtyt(2)45. Noon-flower. Bushy panicles of white flowers, each petal with purple stripe. A desirable, winter-hardy garden bulb, easily grown from seeds sown out of doors in late autumn or earliest spring. Pkt. 20c;  $\frac{1}{16}$  oz. 50c.

## \* THE ANNUAL CHRYSANTHEMUMS

Grow them for colorful garden display, or for cutting. "x" culture. **FINE SINGLE MIXED**—Big flowers, cream to yellow, usually banded or zoned with coppery red, maroon or purple. Pkt. 10c;  $\frac{1}{4}$  oz. 30c. **CORONARIUM DOUBLE MIXED**—18 inches. A quite different strain with smaller, but fully double flowers in white and in shades of yellow. Valued for edging, bedding and cutting. Pkt. 10c;  $\frac{1}{4}$  oz. 35c. **CORONARIUM YELLOWSTONE**—20 inches. Fine, double flowers of deep sulphur yellow. Desirable for cutting. Pkt. 15c;  $\frac{1}{8}$  oz. 30c.



# 1 HARDY CHRYSANTHEMUMS

The very name conjures beauty, and never more than when it is our OLD ORCHARD GLORIES strain. It is a blend, founded upon crosses of the Azaleamums, the Koreans, Rubellum and Yezoense with the named and showy Hybrid Garden Chrysanthemums. Many of the seedlings will have double or near-double flowers, and the color range will cover the whole field of Chrysanthemum possibilities in hue, shade and tone. Sow seeds out of doors in late autumn or earliest spring, and they will flower first season, living for years. Pkt. 25c; 1/4 oz. 50c; 1/32 oz. 90c.

**OTHER HARDY CHRYSANTHEMUM STRAINS**—Desirable for both garden decoration and cutting. **ARCTIC HYBRIDS**—Blossoms varied in coloring, often dazzling in brightness. Considered particularly winter-hardy. Pkt. 20c. **YEZOENSE HYBRIDS**—New strain that runs to widely varied pink and rose tones. Broad, low plants with heavy, crispy, rather glossy leaves. Pkt. 30c. **KOREAN HYBRIDS**—Flowers in many rare color tones, always with radiant lustre, single to semi-double. Fairly early; decidedly hardy. Pkt. 25c; 3 pkts. for 70c. **OFFER 56A9**—One pkt. each of the 3, with one of the Old Orchard Glories, for 85c.

## HARDY CHRYSANTHEMUM PLANTS

**AUGUST DAISY**—It is Chrysanthemum rubellum, variety CLARA CURTIS. Masses of salmon-pink daisies from early August into October, the much-branched, 18-inch plants becoming mounds of bloom. Of full winter hardiness. Plants, each 50c; 3 for \$1.40.

**THE CUSHION CHRYSANTHEMUMS**—Dwarf, early-flowering near-doubles. Wide cushions of bloom to about 12 inches. **PINK CUSHION**—Masses of light pink. **YELLOW CUSHION**—Bright golden yellow. **BRONZE CUSHION**—Coppery yellow with red-bronze tones. **WHITE CUSHION**—Opens blush, becoming pure white. **RED CUSHION**—Rich, bronze red. **PRICE**, any one color, each 50c; 3 for \$1.40. **OFFER 59AN9**—One plant each of the 5 for \$2.20.

**CHRYSANTHEMUMS GARDEN LIST**—Hardy sorts, all early enough to give a good season of outdoor flowering. **APOLLO**—Fine orange-bronze single. **AVALON REFLECTION**—New near-double that opens bronze-orange, becoming apricot and old gold, and finally pure pink. Each 60c; 3 for \$1.60. **LAVENDER LADY**—Full double in silvery pink-lavender. Each 50c; 3 for \$1.40. **GOBLIN**—Intensely double flowers of richest bronze-orange. Airy and graceful. Each 50c; 3 for \$1.40. **ROSE FLARE**—Floriferous, early near-double in vivid amaranth rose. **RUTH HATTON**—Vigorous early double in pale, creamy yellow. **AUTUMN LIGHTS**—Copper-bronze semi-double with orange tone. **LUCENT**—Good semi-double in pure pink. **CALIPH**—Splendid full double in velvety deep red. **HEBE**—Fragrant single in luminous salmon pink with silvery zone. **LOUISE SCHLING**—Big semi-double in salmon red. Each 50c; 3 for \$1.40. **SIEGFRIED**—Good, large flowered yellow single. **JEAN TREADWAY**—Fully double soft pink, deeper pink at center. Each 50c; 3 for \$1.40. **OCTOBER BANNERS**—Splendid, big, semi-double, with very many long, flowing petals of autumn red-bronze. One of the better garden sorts. Each 50c; 3 for \$1.40. **CERES**—Long-stemmed single in old gold. **VULCAN**—Fragrant semi-double in glowing red. **DEAN KAY**—Long showy, greatly floriferous, early blooming near-double in rose pink. **MANY SUNS**—Big semi-double with radiating petals of orange red, zoned soft yellow. **SNOWCLAD**—Fine pure white double. Each 50c. **NANCY COPELAND**—Large semi-double in rich, bronze-toned red. **AUTUMN LANDSCAPE**—Pretty apricot-orange with hint of red-bronze. Fine single for landscape effects. Each 50c; 3 for \$1.40. **LANDSCAPE CONTRAST**—Floriferous, medium-size single that contrasts intense crimson petals against bright gold daisy-centers. Far visible. **ASTRID**—Blossoms of soft salmon pink, with hint of old rose. Fine single Arctic Hybrid. Each 50c; 3 for \$1.40. **KRISTINA**—A rich and luminous deep rose are the big, single flowers. Makes a gorgeous showing. An extra hardy Arctic Hybrid. Each 50c; 3 for \$1.40. **AVALON DELIGHT**—Wide, undulate mounds of beauty. Over shining, crispy foliage come multitudes of single flowers in pure pink with white basal zone and small yellow centers. A very early bloomer, making a fine, long show. A well-established plant may be three feet across, yet not over 15 inches high. Rock garden, banks, beds, terraces. One of the hardy Yezoense Hybrids. Each 60c; 3 for \$1.60. All Chrysanthemum plants here, except where otherwise specified, can be supplied at **UNIFORM PRICE** of 45c each, 3 of one kind for \$1.25. **OFFER 61AN9**—One plant each of the 25 kinds, with names, for \$10.85. Total of separate prices would be \$11.95. **OFFER 62AN9**—One each of 10 kinds, our choice, but good assortment, for \$3.90.

**2 CHLOROPHYTUM ELATUM**—Walking Anthericum. Decorative pot plant with rosettes of pointed, white-striped leaves in Pandanus effect. High sprays of little white star-flowers, the same slender stems carrying in air baby plants like the parent. Finally the flower-stems arch over and the new pas-senger-plants take root. Plants, each 45c.

**1 CHRYSOGONUM VIRGINICUM**—ergkt(8)6. Goldstar. From June into November the green cushion-mats are set with golden stars. Thrives equally in full sun or light shade. Good rock garden perennial. Plants, each 60c; 3 for \$1.60; 10 for \$5.00.

**3 CINNAMON VINE**—Decorative outdoor vine that grows quickly each season from a winter-hardy tuber. Needs no protection. Glossy, heart-shaped leaves. Sprays of little, lacy white flowers with fragrance of cinnamon. Aerial tubers, from size of pea to size of a hazel nut. 6 for 25c; 25 for 80c; 100 for \$2.60.

**3 CLAYTONIA VIRGINICA**—ernstkt(1)10. Spring Beauty. A lovely wild flower, white to pink, often crimson-penciled. Full hardiness. Sun or shade. Pkt. 15c; 3 pkts. for 40c.

## \* CLEOME FOR SHOW



**GREAT PINK CLEOME**—ebk(2-5)60. Stately plants, each of the several stem-branches ending in a great airy raceme, ever-lengthening, of strikingly decorative flowers in brilliant rose. Illustrated opposite. Pkt. 15c; 1/16 oz. 25c.

**CLEOME PINK QUEEN**—ekb(2-5)48. On every stem each new afternoon a whorl of airy, spidery blossoms opens; great trusses in soft salmon pink, becoming white the next day. Like all Cleomes, it is easy and long in bloom. Pkt. 15c; 3 pkts. for 40c.

**CLEOME GOLDEN**—ebk(3-5)60. A towering, branching airiness of filigree blossoming in golden orange. An unusual Cleome coloring, and a strikingly decorative plant. Pkt. 20c; 3 pkts. for 50c.

**BOOK—HARDY CHRYSANTHEMUMS**—Cumming. All about outdoor Chrysanthemums, care, cultivation, dis-budding, hybridizing, propagation. Illustrated. \$2.50.

**\* CLADANTHUS ARABICUS**—erdk(2)15. Gold of Araby. Fine, ferny foliage, burnished golden daisies ending each feather-leaved stem. Then new stems radiate from beneath the flower, each in its turn to become flower-tipped, with new stem radiations coming out from beneath the latest flower, and so repeated until the late autumn sets limit. Pkt. 20c.

**\* CLARKIA DOUBLE MIXED**—eck(2-4)25. Blossoms that might be little double roses in wreath suggestion. Pink, salmon, carmine, mauve, white or purple. Lovely in cool seasons or cool positions. Mixed. Pkt. 15c.

**1 CLINTONIA ANDREWSIANA**—rmatsty(2-3)24. Burnished rosettes, crimson "lilies" above, then glossy, long-hanging purple berries. Pkt. 20c.

## 3 CHLIDANTHUS FRAGRANS

Called Perfumed Fairy Lily, but it is more or less a miniature golden Amaryllis for the garden. The slender, waxy trumpets, delightfully, richly fragrant, come in early spring. Dig and store like Gladiolus. An Andean bulb. Bulbs, March to June, 2 for 25c; 5 for 50c; 11 for \$1.00.

## 1 HARDY GOLDEN ASTER

It is Chrysopsis mariana, called Golden Aster, for it is very like a particularly fine, large-flowered perennial Fall Aster in richest yellow. The very name translates "looks like gold". Full hardiness. Sun or light shade. It cuts. Pkt. 20c; 1/16 oz. 35c. Plants, each 45c; 3 for \$1.20.

## 9 TREE EVERGREEN BLEND

A mixture of seeds of ornamental Evergreens and relatives in the botanic family Coniferae. Made up from the more desirable species of Fir, Pine, Spruce, Hemlock, Yew, Juniper, Cedar, Larch together with Cryptomeria, Chamaecyparis, Ginkgo, Thuja and the like. Some of the seeds naturally germinate quickly, but a few of the kinds (as Yew) are slow and may take months, so do not disturb seedbed until at least one winter has passed. Not less than 1/4 oz. sold. 1/4 oz. 20c; 1/4 oz. 35c; 1 oz. \$1.15; 1/4 lb. \$4.00.



## CLERODENDRON

Wide divergencies here. SPECIOSISSIMUM—w. (Fallax). Illustrated opposite. Graceful panicles of brilliant scarlet blossoms at intervals throughout the year. No more showy pot plant. 6 seeds for 25c. Plants, each \$1.10. THOMSONAE—(Balfouri)—Few more beautiful pot plants than this. Flowers of richest crimson, set off by snowily white calyces. A long, profuse bloomer. Easily handled. Plants, each 85c. JAPONICUM—This oriental species makes a showy large pot plant. Branching panicles of bright scarlet flowers. Pkt. 20c. COLEBROOKIANUM—Tender shrub for mild climates. Flowers rose-purple to white, followed by blue berries. Pkt. 20c. TRICHOTOMUM—k(4)10 feet. Handsome, quick shrub of full outdoor hardiness at Philadelphia. Large panicles of white, Phlox-like flowers with purple calyces, followed by berries of shining peacock blue. Pkt. 15c; ¼ oz. 40c. BUNGEI—Called Kashmir Bouquet from the fragrant blossoms of rich rose pink. North it behaves as a root-hardy perennial, to 40 inches, growing new blooming stems each year. Hardy at Philadelphia, but in colder areas give winter protection. In mild climates, as California, it becomes a shrub. Plants, each 70c; 3 for \$1.90.



## CLEMATIS

Some of them are hardy vines, altogether beautiful when in massed bloom, these marked "7" below. Others, marked "1" are upright perennials for rock garden or mixed hardy border. "kt" culture. 7 ALPINA(2)72. Exquisite blossoms, glistening blue or sometimes white, in bell-like effect. Pkt. 15c. 7 COLUMBIANA—Loosely spreading blossom bells of soft blue-lavender. Pkt. 20c. 7 CRISPA—(8)72. All summer there are crisp-petal blossoms like giant hyacinth-bells, bright blue with deeper shadings. Plants, each 70c; 3 for \$1.95. 1 DOUGLASI—(2)18. Attractive dwarf with bell-flowers purple within, lilac outside. Pkt. 20c. 1 DAVIDIANA—(Heracleaefolia var.). Showy, sturdily erect, border species. Fragrant, deep blue flowers in dense, axillary clusters. Pkt. 20c. Plants, each 70c; 3 for \$1.95. 7 GIANT HYBRIDS—(3)100. Large-flowered Clematises in varied colorings: Lavender, purple, crimson and white in mixture. Illustrated opposite. Offered subject to arrival. Pkt. 35c. 7 JACKMANNI—The extravagantly beautiful, large-flowered purple Clematis of porch, arbor or pergola. Rich, deep color tone. Plants, each 95c; 3 for \$2.70. 7 JACKMANNI RUBRA—Big blossoms, sometimes 6 inches across, in rich and velvety Tyrian crimson. Plants, each 95c; 3 for \$2.70. 7 LANUGINOSA CANDIDA—Immense white flowers that show



faint lavender violet shadings about the petal edges. Plants, each 95c; 3 for \$2.70. 1 INTEGRIFOLIA—(8)20. Showy rock garden or border perennial with blue-violet bells. Pkt. 25c. Plants, each 65c. 7 MONTANA RUBENS—Hardy, spring-blooming vine, massed with clusters of delightful pink flowers. Pkt. 25c. Plants, each 95c; 3 for \$2.70. 7 PANICULATA—(4)25. The fragrant white autumn Clematis. Clouds of creamy white, sweetly perfumed. Rapid vine. Pkt. 20c; ¼ oz. 35c; ½ oz. 60c. Plants, each 60c; 3 for \$1.60. 1 RECTA—(3)36. Upright, border perennial. Great sprays of fragrant white flowers. It cuts. Pkt. 15c; ½ oz. 40c. Plants, each 65c; 3 for \$1.80. 1 STANS—(5)50. Great panicles of waxy urn-flowers in sky blue or pure white. Branching, upright grower, not a vine. Pkt. 20c. Plants, each 55c; 3 for \$1.50; 10 for \$4.60. 7 TANGUTICA—(3)100. Showy vine with big, bright yellow blossoms. Pkt. 25c. 7 VITICELLA—(3)90. Beautiful vine with large flowers in varied tones of lavender, blue and purple. Pkt. 15c; ½ oz. 35c. OFFER 64A9—One pkt. each of the kinds offered in seed form, for \$2.50. OFFER 65AN9—One plant each of the 11 offered in plant form, for \$7.90.

1 CLEMATIS DWARF MIXED—The lower kinds, not vines, for mixed border or rock garden. Pkt. 20c.

7 CLEMATIS TALL MIXED—The kinds of vine-like habit from above and Treasure Chest. Pkt. 20c; ¼ oz. 35c.

1 CLEMATOPSIS STANLEYI—k. Pretty Clematis cousin with silvery foliage and bluish-suffused flowers. An upright perennial to four feet; not vine-like. Pkt. 30c.

## \* COLEUS FOR COLOR 2

Grown for the decorative foliage, brightly or richly colored. Valued as a pot plant, or for outdoor bedding. Culture "w."

AVALON STRAIN—Foliage colorings varied and brilliant, leaves of medium size. Markings and stainings of salmon, apricot, pink, rose, cream, carmine, purple, copper. Pkt. 20c; ½ oz. 75c; ¼ oz. \$1.35; ½ oz. \$2.50.

OLD ORCHARD STRAIN—Here the leaves are particularly large, the colorings always rich and dark, in effect of brocade. Maroon, weathered copper and purple-toned crimson dominate. Pkt. 20c; ½ oz. 75c; ¼ oz. \$1.35; ½ oz. \$2.50.

BOOKS—Five good ones on pot plants. ENJOY YOUR HOUSE PLANTS—Jenkins and Wilson. House plants in home making. Full directions. Includes African Violets. Illustrated, \$3.00. PLANTS IN THE HOME—Balthis. Full cultural directions. Descriptions. Oddities. Propagation. Drawings. \$3.75. GROW THEM INDOORS—Wood. Descriptive information. Covers hundreds of plants. Illustrated. \$2.25. HOUSE PLANTS UNUSUAL—Wood. It tells about the less usual plants that will add interest to the window garden. Illustrated. \$2.50. PLANTS AND FLOWERS IN THE HOME—Post. A practical, easily understood book by the associate professor of floriculture at Cornell. Illustrated. \$2.25.

3 COLCHICUM LUTEUM—ry. Rare and desirable species from the Himalayan area that, unlike most Colchicums, blooms in spring. Blossoms of golden yellow. Pkt. 25c; 3 pkts. for 70c; 10 pkts. for \$2.00.

3 COLCHICUM SPECIOSUM—ry(4)10. Handsome, cup-shaped flowers of mauve pink, varying from lavender to almost pure pink, or rarely white. It blooms in autumn. Pkt. 15c; ¼ oz. 45c; 1 oz. \$1.75.

\* COBAEA SCANDENS—Cathedral Bells. k. Quick annual climber of much beauty, filled with bell-shaped blossoms of rosy purple. Pkt. 15c; ½ oz. 25c.

1 CODONOPSIS BLEND—\*erx(8)12. Delightful, tuberous-rooted rock garden perennials with many drooping flowers, bell-shaped or tubular, usually of blue-suffused white, the bells often zoned within in deep blue, buff or black. May need some winter protection in cold locations. See TREASURE CHEST OFFER, sent on request, for seeds of separate species. Seeds, mixed, pkt. 20c; 3-pkts. for 50c.

\* COLLOMIA—ex(3)20. Two pretty and easy annual flowers. BIFLORA—Heads of little flowers, yellow in the tube, red in the expanded blossom face. From Chile. Pkt. 10c; ¼ oz. 20c. GRANDIFLORA—Rather dense heads of blossoms in a most pleasing rosy buff or salmon coloring. Pkt. 20c.



COLCHICUM

## COMMELINA (Skyflower)\*

All the Commelinas will bloom surely the first year from seed, so may be treated as Annuals, although they are really tender perennials. The Coelestis varieties make roots like little Dahlia tubers, and these may be stored over winter in the cellar, and planted out for earliest spring start. "x" culture. They may all be considered ever-blooming. 3 COELESTIS BLUE—25 inches. Flowers in deep blue of summer sky for months on end. Pkt. 20c; ¼ oz. 35c. Tubers, 3 for 50c; 10 for \$1.40. COELESTIS WHITE—25 inches. Enamel white flowers in somewhat pansy-like effects. Pkt. 20c. Tubers, 3 for 50c. CRISPA—Quick bedding or edging Annual, giving massed flowers like blue butterflies. 6 inches. Also good in rock garden or porch box. Pkt. 15c; ½ oz. 25c. DIFFUSA—Fine pot, window box or hanging basket plant, or may be used in garden. Particularly large, wavy blossoms in brightest blue, or rarely orchid rose. Pkt. 20c; 3 pkts. for 50c. OFFER 66A9—One pkt. each of the four for 60c.

## 3 COOPERANTHES

Horticulturists of India have produced interesting hybrids between COOPERIA and ZEPHYRANTHES, two beautiful genera of summer-flowering bulbs that are sometimes known as the Fairy Lilies. Shadings and blendings in white, bluish pink, and creamy yellow may be expected. "x" or "w" culture. 8 seeds for 35c; 25 seeds for \$1.00 (customer limit).



## 2 COBRA PLANT

**DARLINGTONIA CALIFORNICA** has been called Cobra Plant from the fantastic, serpentine appearance of the leaves, these twisted, hooded pitchers with translucent windows. *Illustrated opposite.* Intricate, inverted flowers of red-veined buff-brown. A carnivorous plant that handles very well indoors in an east or north window. Use sandy soil mixed with sphagnum or peat, and keep well-watered. Feed plants at considerable intervals by putting minute shreds of meat in the pitchers. See "Sarracenia" for culture from seed. Pkt. 20c; 3 pkts. for 50c. (Plants, each \$1.00.)



**HARDY PERENNIALS**—Check each kind that has the numeral "1" in front of it, when you are looking for hardy herbaceous perennial species.

**CONVOLVULUS**—ek. Desirable diversities. **2 MAURITANICUS**—7 inches. Not a vine. Everblooming. Deep blue cascades. Rock garden, porch box, hanging basket. Pkt. 20c. \***BLUE ENSIGN**—12 inches. Upright, quick showy annual. Not a vine. Upfacing indigo blossoms. Pkt. 15c. \***MAJOR MIXED**—The old-fashioned Morning Glory, a handsome, speedy, annual vine, unsurpassed for quick, gracefully draped, covering of trellis or fence. Varied, intensely bright colorings. Pkt. 10c; ¼ oz. 20c. \***TRICOLOR MIXED**—12 inches. Low, upright Annual. Blue flowers with yellow and white throat. Pkt. 10c; ½ oz. 20c.

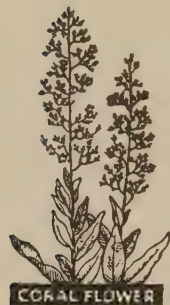
\* **STRAWBERRY CORN**—x. A miniature Corn with 2-inch mahogany red ears that look like big strawberries. Grown for winter bouquets. Will pop. Pkt. 20c.

**2 CORONILLA GLAUCA**—rbk(w)(8)32. Compact, glaucous-leaved plant with handsome yellow flowers, these fragrant. Will need protection North, but may be easily grown as a large pot plant. Pkt. 20c.

## FOR BANKS AND HILLSIDES

**CORONILLA VARIA** is a rather handsome, spreading perennial of full winter hardiness, that will keep any bank or slope from washing, covering it with a rich, billowing green-ness of pinnate foliage. In June and early July come crown-shaped clusters of pretty blossoms in Cosmos pink. Growth is swift and dense, smothering coarse weeds, and the quick root network prevents soil erosion from heavy rains. Thrives in poor, dry soils. The flowers cut and keep well. "x" culture. Seeds, pkt. 20c; ¼ oz. 30c; ½ oz. 50c. Plants, root divisions, 4 for \$1.00; 10 for \$2.00; 25 for \$4.25; 100 for \$16.25; 250 for \$31.00; 1000 for \$105.00.

## \* CORAL FLOWER



Effects of exquisite, jewel-like daintiness. Even the deep green, succulent foliage is decorative. Many slender, 30-inch stems bear little five-pointed stars of luminous rosy pink, these in loose, alternate clusters. Then come airy, long-hanging capsules, like polished coral beads, hundreds of them on each great glowing plume of a stem. A single plant may throw 30 or more of these great, bright plumes. Effective over a three to four month period. Usually grown as a garden annual, but makes a good house plant, too. *Illustrated opposite.* The seeds are tiny. Pkt. 20c; ½ oz. 30c; ¼ oz. 50c.

## 1 DAINY CORYDALIS 3

Rock garden exquisites in distant reaches of the Bleeding-heart family. rstkt(2). **HALLERI**—8 inches. Flowers of rich, rosy purple over fern-foliage in earliest spring. Rock garden. Good. Pkt. 20c; ¼ oz. 40c; ½ oz. 75c. **CHEILANTHIFOLIA**—10 inches. Splendid Chinese species with sprays of bright yellow blossoms over fern foliage. Pkt. 20c. \***SEMPERVIRENS ROSEA**—25 inches. Airy everblooming annual for sun or light shade. Charming little pink blossoms with golden tips. Blue-silvered foliage. Pkt. 20c. **NOBILIS**—10 inches. Well-spurred creamy flowers with purple dot and yellow tip carried in dense racemes. Pkt. 20c. **PUMILA**—6 inches. Pretty little rock garden species with flowers of rose and cream. Pkt. 25c. **OFFER 68A9**—One pkt. each of the five for 90c.

**1 COTULA SQUALIDA**—Desirable low, hardy plant from New Zealand, for rock gardens, or carpeting. The densely packed, foliage featherings are bronze in sun, green in shade. Plants only, each 40c; 3 for \$1.10; 10 for \$3.15.

**5 CREPE MYRTLE**—k. *Lagerstroemia indica*. Exceedingly handsome blossoms, ranging from pink to near crimson. Wood-hardy to about Washington. Farther north it behaves as an herbaceous perennial, flowering freely on the current season's stems. Pkt. 15c; ½ oz. 25c.

\***CREPIS RUBRA MIXED**—A quick and pretty annual flower is the Pink Dandelion. The blossoms really look like large Dandelions, except that color is clear white or pure pink. Attractive over a long season. Pkt. 15c.

**1 CREMANTHODIUM RENIFORME**—rstkt(2)20. Desirable Himalayan daisy with rather large, solitary flowers of golden orange, carried on purple-shaded stems above shining, cordate leaves, that are white below. Pkt. 25c.

**1 CYANANTHUS LOBATUS**—rstkt(3)9. Lovely rock garden semi-trailer with unfacing, recurved blossom-bells of powder blue. Sprays of it, foliage and flower, are like decorative, formalized floral designs. Himalayan alpine. Pkt. 25c.

**2 CURCULIGO CAPITULA**—w. Distinctive pot-plant ornamental with gracefully arching, oddly tremulous foliage and drooping clusters of yellow star-shaped flowers. Keep well watered. Pkt. 20c.

## THE VARIED CUPHEAS

Interesting, colorful, and exceedingly floriferous plants, for the annual garden, or the Cigar Plant as a house plant.



\* **CUPHEA AVALON HYBRIDS**—ecbx(8)20. One of the better annual flowers. The curious blossoms come in a season-long profusion, and the color range, in gradations of shade and tone, is of rather amazing extent. There will be lavender, lilac, white, pure pink, rose purple, crimson, and intense fire scarlets. The plants seem to be covered with fluttering, brightly hued, butterflies. *Illustrated above.* Pkt. 15c; ¼ oz. 25c; ½ oz. 35c.

\* **CUPHEA FIREFLY**—Very like the last, but averages a bit more dwarf and compact, and the flowers are all of a fire red, exceedingly brilliant. Makes a good pot plant, being actually a tender perennial, or it may be grown as a garden Annual. Pkt. 20c; ¼ oz. 30c; ½ oz. 50c.

\***CUPHEA LANCEOLATA**—ecbx(8)40. As attractive as the last, but quite different, taller, with intricately wrought blossoms, two large petals of velvety black-maroon, four smaller ones of brilliant crimson. Pkt. 15c.

**2 CUPHEA PLATYCENTRA**—(C. ignea). ew(8)10. Called Firecracker Flower or Cigar Plant. An almost incessant bloomer, tubular flowers in brightest red, each with white tip. A desirable window pot plant, or useful in window or porch box. Pkt. 25c. Plants, each 45c; 3 for \$1.20.

## 1 COREOPSIS

Easy hardy perennials of a desirable diversity. They cut. "kt" culture. **AURICULATA**—(8)8. Few better dwarf perennials, everblooming, hardy, desirable foliage, bright flowers of rich golden tone. Pkt. 25c. Plants, each 50c. **ROSEA**—(3-4)8. Little daisies of silvery pink over a foliage turf that is low, aromatic, ferny. Pkt. 20c. Plants, each 45c; 3 for \$1.20. **SAXICOLA**—(8)35. The August Daisy. Effect of C. grandiflora, same glossy, golden flowers, but better carriage and later, longer blooming. Pkt. 15c; ¼ oz. 25c; ½ oz. 40c. Plants, each 40c; 3 for \$1.10; 10 for \$3.00. **TRIPTERIS**—(3-4)84. Splendid tall, late-flowered species for screen plantings, or for the back of the border. Long-rayed flowers of softest yellow, the centers brown. Pkt. 15c; ¼ oz. 25c. Plants, each 45c; 3 for \$1.20. **VERTICILLATA**—(2-3)30. The lovely Fern-Coreopsis. Finely cut green foliage, buff-roseate in new growth. Butter-yellow flowers. A slow growing, long lived perennial. Pkt. 20c; ¼ oz. 40c. Plants, each 50c; 3 for \$1.40. **GRANDIFLORA**—(2-3)28. Bright yellow. The usual Coreopsis of gardens. Very good species for the mixed border for cutting. Often used for naturalizing, thriving when broadcast. Pkt. 10c; ¼ oz. 20c; 1 oz. 60c; ¼ lb. \$1.80. **GRANDIFLORA DOUBLE**—The large and showy yellow flowers come mostly semi-double to fully double. Pkt. 15c. **OFFER 67A9**—One pkt. each of above for 80c.



**4 CYANELLA BLEND**—(w)k12. Charming South African bulb-flowers in mauve, blue, rosy lilac and yellow. Usually handled in pots, but with winter protection may be grown in the rock garden in many areas. Pkt. 20c.

## \* COSMOS FOR CUTTING

An Annual of easiest culture. Cosmos is long decorative in the garden. A splendid cut flower. **RADIANCE**—New bicolor. Big flowers of rich rose with zone of deep maroon about the center. Pkt. 15c. **YELLOW FLARE**—Showy, early flowering, clear yellow. Pkt. 10c; 1/8 oz. 20c. **ORANGE RUFFLES**—Glowing orange flowers with two, sometimes three, petal rows, giving a ruffled, semi-double effect. Early bloomer. Pkt. 10c; 1/8 oz. 20c. **LADY LENOX**—Giant flowers of soft pink. Needs slightly longer season than the others. Pkt. 10c; 1/8 oz. 20c. **SENSATION**—Particularly large flowers with fluted petals, in pink, white, crimson. Quick from seed to bloom. Pkt. 10c; 1/8 oz. 25c; 1/4 oz. 40c. **EARLY DOUBLE CRESTED**—Flowers with high center crests in Anemone fashion, with some that are fully double. Pink, white and crimson in mixture. Pkt. 15c; 1/8 oz. 35c; 1/4 oz. 65c. **FAIRY QUEEN**—New English variety of densely bushy, branching habit, growing only to 30 inches, the mass filled with medium-size flowers of soft pink. Delightful for garden or landscape use. Makes an excellent divider or annual hedge. Pkt. 20c; 3 pkts. for 50c. **OFFER 69A9**—One pkt. each of the above for 75c.



## 3 THE CRINUM LILIES

Glorious beauties, flowering bulbs of the Amaryllis family for outdoor growing. *Illustrated above.* The bulbs store in winter as readily as Gladiolus, but Crinums longifolium and Powell album are fully hardy at Philadelphia when left right outside without digging, and with protection of mulching would probably winter in the open much further north. **ERUBESCENS**—Whorls of large, fragrant flowers that expand to stars in the softest of pinks, each petal with a rose-shaded center stripe. Each \$1.00; 3 for \$2.80. **LONGIFOLIUM**—Big trumpet-flowers in pink-and-white, sweetly scented. Blooms always in spring, often again in fall. Each 90c; 3 for \$2.60. **POWELLI ALBUM**—Lovely lily-trumpets of purest waxen whiteness. Each \$1.00; 3 for \$2.80. **OFFER 70AN9**—One bulb each of the three for \$2.75; 3 each of the three for \$7.70.

## CYPELLA HERBERTI

Tigridia cousins with undulate, shell-shaped blossoms in blended tan, old gold and brown. *Illustrated above.* Blooms first year from seed, and will force nicely as a pot bulb, being then in bloom most of the year. Also does well in garden, wintering in open ground from Philadelphia, south. Pkt. 25c. Potted bulbs, each 40c; 3 for \$1.10.

**3 CYPELLA PLUMBEA**—\*ebk(3-4)32. Rather like last, but differs in that the flowers are blue-violet, and the plants a bit taller. Long blooming but not everblooming. Pkt. 25c.

**3 CYCLOBOTHR FLAVA**—15 inches Pendant, inch-wide bells of bright yellow on branching stems. Easy summer-flowering bulb for full sun. In late autumn dig and store over winter in a frostproof place. Bulbs, 3 for 35c; 10 for \$1.00; 25 for \$2.00.

**1 CYNANCHUM ACUMINATIFOLIUM**—A handsome plant, making eventually big clumps that are sheafs of flowers for months. The profuse blossoms are waxy creamy-white, starry in form. Plants, each 50c; 3 for \$1.40.

## 4 IFAFA LILY

In South Africa they call it Ifafa Lily, but to the botanist it is **CYRTANTHUS**, a pretty bulb-flower of the Amaryllis family. The blossoms are slender, waxen trumpets, carried in clusters, *see illustration opposite*. Easy for pot culture, blooming freely year after year. We offer four kinds. **LUTESCENS**—Soft, glossy yellow. **ROSEUS**—Salmon pink. **MACKENI**—Ivory white. **HOWARD VARIETY**—Red-toned orange. Supplied as potted bulbs at 45c each or all 4 for \$1.60.



## GAY CYCLAMEN

**2 CYCLAMEN GIANT-FLOWERED**—w. A splendid strain for pot culture, brilliantly colored flowers of great size, not excelled, we believe, by any other. Glorious color range. Fragrant blossoms above ornamental foliage. 6 seeds for 25c; 14 for 50c; 30 for \$1.00; 100 for \$2.95.

**1 CYCLAMEN HARDY BLEND**—kt. Here are winter-hardy kinds for the outdoor garden. Flowers are smaller than those of the tender Cyclamen, but as exquisite in form. Delicately fragrant. Blossoms may be white, pink, rose or crimson, foliage often marbled or undulate. A delightful rock garden plant. 10 seeds for 25c; 33 for 75c; 100 for \$2.00.

## 2 THE EASY CRASSULAS

Desirable pot plants for any sunny window. Easy to grow and always attractive. **ARGENTEA**—Jade Plant. Thick branches are set with leaves of jade-like sheen and coloring. Eventually rose-toned flowers, but really grown for ornamental foliage and form effect. Makes handsome specimens. Plants, each 45c; 3 for \$1.20. **CULTRATA**—One of the better foliage plants, the thick and glossy lettuce-green leaves each turned to a different angle, giving a whirling effect. Plants, each 40c. **PERFORATA**—String of Buttons or Pagoda Plant. The thick, rounded leaves seem to have the stems threaded through them. Pink flowers. Boxes or hanging baskets. Plants, each 40c. **TETRAGONA**—Called Baby Pine of China. The plants with their thick spike-leaves of emerald green, do resemble miniature Pines. Plants, each 40c. **IMPERIALIS**—Distinctive Crassula with low branchings set with little appressed, green leaves in the oddly pleasing effect of a Lycopodium or Ground-pine. Plants, each 40c. **OFFER 71AN9**—One plant each of the 5 for \$1.80.

## 1 EASY CYNOGLOSSUM \*

All of the Cynoglossums may be treated as annuals, and some of them are truly so, as the Amabiles. Others will live for years. **AMABILE BLUEBIRD**—25 inches. Chinese Forgetmennot. Lustrous indigo. Pkt. 15c. **AMABILE PINK**—The last in pleasing lilac-rose. Pkt. 15c. **AMABILE SNOWBIRD**—Here the sprays are snowy-white. Pkt. 15c. **AMABILE PEERLESS**—Unsegregated color variations in blue from palest to deepest, white and suffusions, rosy tints. Pkt. 15c; 1/16 oz. 25c. **NERVOSUM**—20 inches. Deepest blue-azure. Hardy perennials of high garden merit. Pkt. 20c; 3 pkts. for 50c. **ZEYLANICUM**—28 inches. Decorative, silvery foliage with arching sprays of as silvery blue flowers above. Pkt. 15c. **GRANDE**—20 inches. Woodland perennial with flowers of brightest blue, each with a white ring. Rare. Pkt. 25c. **OFFER 73A9**—One pkt. each of the above for \$1.00.

Time steals itself unaware.

**2 CYPHOMANDRA BETACEA**—w. Rare tropical fruit that may be grown as a large pot plant. Fruits are size of a large egg, tawny orange with purple stripes, skin tough, pulp soft and rich, flavor between that of the Tomato and the large English dessert Gooseberries. Pkt. 15c.



**2 CYATHEA MIXED**—w. True Ferns that make short or long trunks with a handsome crown of fronds at the top. They make decorative large pot plants for sun room or conservatory. Called Tree Ferns. Spores germinate freely, making attractive plants by second season. For cultural directions, see heading **FERNS TENDER**, this catalog. Spores of mixed Cyathea species, pkt. 35c; 3 pkts. for \$1.00.

**2 CYPERUS ALTERNIFOLIUS**—w. Umbrella Plant. Madagascar species grown as a pot plant for graceful foliage form. Likes ample moisture. Pkt. 15c; 3 pkts. for 40c.

**9 CRYPTOMERIA JAPONICA**—k 125 ft. Handsome, pyramidal Conifer, the Temple Evergreen of Japan. Bright green foliage. Young seedlings are sometimes grown as pot plants, giving effect of Araucaria. Pkt. 20c; ¼ oz. 45c.

**5 DAPHNE MEZEREUM**—48 inches. Fragrant, silky blossoms of soft purple in early spring. Then scarlet berries. Pkt. 15c; ¼ oz. 35c.

## 5 CYTISUS or BROOM

Gorgeous in blossom, decorative in foliage. "kt" culture. **SUPINUS**—Crown Broom. 30 inches. Fully hardy. A crown-shaped cluster of golden flowers ends each of the many branches. Surest of the Brooms in cold, difficult places. Pkt. 15c. Plants, each 50c. **MULTIFLORUS**—Spanish Broom. Pretty cream-white flowers. Give sheltered position. Pkt. 15c. **SCOPARIUS PEERLESS**—80 inches. Selections of Scottish Broom. Attractive blossoms in creamy yellow, lemon and golden orange, with others that carry red to velvety crimson shadings. Odd, whip-like stems that hold emerald green coloring all winter when cut, and with Ulex and rose-hip sprays will pleasantly fill a vase to brighten dull months. Pkt. 15c; ¼ oz. 25c. **BATTANDIERI**—60 inches. Golden Lilac. Foliage silvery, glistening. Long, dense sprays of golden yellow. Pkt. 25c. **PURPUREUS**—25 inches. A low shrub, hardy at Boston, with purple to rose flowers. Pkt. 20c; ¼ oz. 45c.

**OFFER 74A9**—One pkt. each of above for 80c.

**YELLOW BROOM**—The wild form of Scottish Broom, Cytisus scoparius. Showy yellow flowers. For naturalizing or mass plantings. ½ oz. 30c; ¼ oz. 45c; 1 oz. \$1.25.

## 3 DAHLIAS FROM SEED

They are easy, usually blooming first year, and you can have a lot of fun in growing them from seed. They will all be pretty, and there is always the possibility that you may get one worth introducing as a new sort. **PEERLESS DOUBLES**—Saved from fine large semi-double to intensely double flowers in full Dahlia color range. Good things should come from this. 10 seeds for 25c; 35 for 70c. **NEW MINIATURE**—Strain of dainty baby Dahlias for cutting or bedding, running to about 25 inches, blossoms single or semi-double, or rarely double; in colorings that include canary, buff, apricot, pink, rose, scarlet, purple. *Illustrated opposite.* Pkt. 15c; ¼ oz. 35c. **QUEEN OF MOORLAND**—Dwarf with rich, dark foliage. Flowers mostly double, and in shades of scarlet, crimson and maroon, with rarely a yellow or lavender. Pkt. 20c.



**DAHLIAS BY NAME**—In our **TREASURE CHEST**, a special list sent on request to those who ask for it, we describe and offer tubers (bulbs) of many of the better named Dahlias.

## THE ANGEL-TRUMPETS

**DATURA**—ek(w). Angel-trumpet. **METELOIDES**—Easy annual. Big trumpets of palest roseate lavender. Pkt. 10c; ½ oz. 20c. **TRUMPET-IN-TRUMPET**. Blossoms intensely double-ruffled, triple trumpets, creamy to soft yellow. Attractive. Pkt. 15c. **FASTUOSA DOUBLE MIXED**—Double-trumpet blossoms in lavender, white, cream, pale purple. Pkt. 15c; ½ oz. 25c. **METEL**—Showy, easy Annual with enormous single trumpets of purest white. Pkt. 15c. **SANGUINEA**—Pendant, 8-inch trumpets of vivid orange scarlet. Rare, tender perennial to be grown as large pot or tub plant. 4 seeds for 25c; 10 seeds for 50c. **SUAVEOLENS**—Great White Angel-trumpet. Many pendant, fragrant, snowy trumpets to a foot of length. Large pot or tub culture. May be plunged in border in summer. Pkt. 20c; 3 pkts. for 50c. Plants, each 50c. **OFFER 75A9**—One pkt. each of the above for \$1.00.

**5 DENDROMECON RIGIDUM**—yt(3)84. Tree Poppy. Evergreen shrub that bears attractive golden Poppy blossoms. Careful protection, North. Pkt. 20c.

**2 DIANELLA INTERMEDIA**—The Turutu of New Zealand, a desirable plant for pot culture, though from Washington south it will often winter in the open ground. Big, airy sprays of little white, or blue-shaded flowers rise from grass-like leaves. Later come decorative, shining blue berries. 18 inches. Plants, pot-grown, each 50c.

## 1 THE HARDY DELPHINIUMS

**AVALON BLEND**—\*ecbx(2-4)60. Widest range of color and form of any of our blends of Giant Delphinium. Includes Hollyhock Strain, Blackmore and Langdon selections, Giant Pacific Hybrids, with just a small bit of Belladonna for informal cut flower delight. Varied beauty here in full Delphinium coverage. Pkt. 25c; ¼ oz. 70c; ½ oz. \$1.20.

**WREXHAM HOLLYHOCK STRAIN**—ebx(2-4)70. Stately plants with big flowers in long, close, spire-like spikes. A high proportion will be double. Full color range, from pale to deepest blue, with pastels, mauves, lilacs and lavenders. A fully satisfactory strain for every garden use. Pkt. 25c; ½ oz. 40c; ¼ oz. 70c; ½ oz. \$1.20; ¼ oz. \$2.00. Plants, flowering size, each 50c; 3 for \$1.40; 10 for \$4.10.



**BELLADONNA**—\*ecbx(2-4)50. This is the Cliveden Beauty, a Delphinium of particular value for cutting. Large, single flowers of exquisite blue-turquoise in loose, graceful spikes. Pkt. 15c. ¼ oz. 40c; ½ oz. 70c.

**CARDINALE**—bkt(3)40. Blossoms of glowing scarlet, helmet shaped. Full sun. Needs winter protection. Slow germinator. Pkt. 20c; 3 pkts. for 50c.

**GIANT PACIFIC HYBRIDS**—\*ecbx(2-4)60. Flowers of great individual size, practically all double, well-placed on the several branching stems. The range of colorings is inclusive, delicate pastels showing along with rare hue and tone. A West Coast selection. *Illustrated above.* Pkt. 35c; ½ oz. 50c; ¼ oz. 95c; ½ oz. \$1.70.

**GIANT PACIFIC WHITE**—A selection from the last. Very large flowers fully double, pure white. Fine spikes. Pkt. 35c; 3 pkts. for 95c.

**NUDICAULE**—rkt(3)25. Loosely swung blossoms that may come in buff, peach or scarlet. Slow germinator. Pkt. 25c.

**MACROCENTRON**—ecbkt(3)70. The Emerald Delphinium. Big-centered blossoms that are usually sea-green with cobalt shadings, but there may be variations from emerald to violet. Distinctive species from African mountains. Pkt. 50c.

**OFFER 76A9**—One pkt. each of the Delphiniums above for \$2.00.

## \* THE ANNUAL DELPHINIUMS

Distinct from Annual Larkspur. "k" culture. **CARDIO-PETALUM**—Loose spire-spikes of green-tipped violet blossoms. A 16-inch beauty. Pkt. 15c. **ORIENTALE**—35 inches. Kurdistan. Blossoms of richest Tyrian purple. Pkt. 15c. **GRANDIFLORUM CAMBRIDGE BLUE**—35 inches. Chinese Larkspur. Blossoms of belladonna-blue on much branched plants. Pkt. 15c. **GRANDIFLORUM WHITE BUTTERFLY**—12 inches. Low, branched plants with pure white flowers. Pkt. 15c. **GRANDIFLORUM BLUE BUTTERFLY**—12 inches. Like last, but in deep, intense blue. Pkt. 15c. **GRANDIFLORUM AZURE FAIRY**—12 inches. Another fine dwarf, in a tone of lighter, brighter blue. Pkt. 15c. **GRANDIFLORUM BLUE MIRROR**—18 inches. Deep, navy blue, the richest shade here. Pkt. 20c. **PANICULATUM**—35 inches. Distinctive species with loose, airy panicles of dark blue, midjet flowers, these in great numbers, and for months. Pkt. 20c. **OFFER 77A9**—One pkt. each of above for \$1.00.

## \* ANNUAL DIANTHUS

The gay Annual Pinks in rainbow-painted hues that may be clear tones of pink, salmon, scarlet, crimson, white, or patterned in those bizarre chromatic grotesqueries that hold such endless interest. Contrasting edgings, fantastic lacings, and zonings there will be. We offer an inclusive mixture, from immense singles with long fringe slashings to others double as a Carnation. ecbx(8)12. Order as **DIANTHUS OLD ORCHARD ANNUALS**—Pkt. 15c; ½ oz. 30c; ¼ oz. 50c.



## 1 HARDY DIANTHUS

The delightful Garden Pinks, all perennial and winter-hardy. "x" culture. Splendid for rock garden, bedding or edging; attractive in foliage, beautiful in flower. They cut. **ALLWOODI**—Cross of Carnation and Clove Pink. Colorings widely inclusive, always beautiful. Perfumed flowers, single to double. Pkt. 20c;  $\frac{1}{16}$  oz. 40c. Plants, each 45c; 3 for \$1.20; 10 for \$3.60. **ARENARIUS**—(2)6. Foliage densities like

rumped, silver-green velvet. Fringed, creamy white flowers with the richest, sweetest fragrance to be found in Dianthus. Pkt. 20c; 3 pkts. for 50c. *Illustrated opposite.* **ARVERNENSIS**—(2)5. Mossy mats are set with little dentate flowers, usually of rosy pink. An exquisite.



DIANTHUS ARENARIUS

Pkt. 25c. **CAESIUS**—(Gratianopolitanus)—(2)7. A pretty mound, heaped with sweetly scented, jagged flowers in varying pink and rose. Pkt. 15c;  $\frac{1}{16}$  oz. 25c. Plants, each 45c. **CARTHUSIANORUM GIGANTEUS**—(3-4)40. Tallest Dianthus species. Clusters of shining, mahogany-toned buds open to rose-colored blossoms. Pkt. 20c;  $\frac{1}{16}$  oz. 35c. Plants, each 40c. **DELTOIDES MONTANUS**—(2)6. Maiden Pink. Dense, bright green mats are thickly set with vivid little flowers, deep rose to deep red. Pkt. 20c. Plants, each 40c. **DELTOIDES WHITE**—Flowers usually pure white, but sometimes with faint blush suffusion. Pkt. 20c. **DELTOIDES MIXED**—(2)6. Widely variable. Includes white, blush and pink, with rose and red. Pkt. 20c; 3 pkts. for 50c. **HIGHLAND HYBRIDS**—(2-4)12. Magnificent strain of hardy Pinks, the flowers of particularly large size, and coming in wide assortment of beautiful forms, delicate to richly vivid colorings, selfs or zoned, varied pink and rose tones dominating. Pkt. 15c;  $\frac{1}{16}$  oz. 25c. Plants, each 45c; 3 for \$1.20; 10 for \$3.60; 25 for \$8.25. **KNAPPI**—(2-4)14. Really lemon yellow, a coloring unique in Dianthus. A species both long-lived and long in bloom. Quite definitely we consider this Dianthus as worthy any garden. Pkt. 25c. Plants, each 45c. **LATIFOLIUS ATROCOCINEUS**—(2-4)12. Erect plants with deep green foliage bear closely clustered double flowers in rich and glowing live-coal red. Pkt. 15c. **LONGICALYCINUS**—(3-4)25. Diffuse plants with pink to rose blossoms, fringed in extravagant laciness. Blooms summer to early autumn. Pkt. 15c;  $\frac{1}{16}$  oz. 25c. **MONSPESSULANUS**—(2-3)12. The Ragged Rascal Rock-pink. A free-blooming and decidedly showy species. Large flowers, deeply slashed and fringed, in varied pleasing tones of pink and rose, sometimes with white markings. Masses of attractive foliage. Pkt. 15c;  $\frac{1}{16}$  oz. 25c;  $\frac{1}{8}$  oz. 40c;  $\frac{1}{4}$  oz. 75c. Plants, each 50c. **PLUMARIUS IPSWICH STRAIN**—(2-3)12. The delightfully perfumed Clove Pink, an old favorite with flowers usually single to double, in many delightful changes of coloring and marking. Pkt. 15c;  $\frac{1}{16}$  oz. 25c. Plants, each 45c; 3 for \$1.20. **SEGUERI**—(3-4)18. Notched blossoms, pink to carmine, usually flecked white and maroon. In pretty much continuous bloom from early summer into mid autumn. Pkt. 15c;  $\frac{1}{16}$  oz. 25c. Plants, each 45c. **SUBACAULIS**—(2)6. Desirable rock garden species. Low, dense, blue-green mounds, set with pink to rose blossoms, petals dentate. Pkt. 20c. Plants, each 45c; 3 for \$1.20. **SUPERBUS**—(3-4)20. Fragrant rosy pink, flowers deeply filigree-fringed. It cuts. Pkt. 15c. Plants, each 40c; 3 for \$1.10. **SUPERBUS WHITE LACE**—(3-4)20. Big, fragrant, pure white blossoms, deeply lace-fringed. Pkt. 20c;  $\frac{1}{16}$  oz. 30c;  $\frac{1}{8}$  oz. 50c. Plants, each 45c; 3 for \$1.20; 10 for \$3.60. **WALDSTEINI**—(3)9. Fringed, white flowers with pink zone. Rock garden. Pkt. 20c. **WINTERI**—(2-3)10. Fine hybrid strain, Clove Pink with Carnation. Particularly large flowers, mostly single, in varied colorings and blendings. Long in bloom. Pkt. 20c;  $\frac{1}{16}$  oz. 40c. **OFFER 78A9**—One pkt. each of the above for \$2.90.

**DIANTHUS AVALON ROSE**—A splendid double-flowered variety with spicily fragrant blossoms in a delightful silvery rose. It makes spectacular wide mounds of bloom. Of full vigor and hardiness. Plants, each 50c; 3 for \$1.40.

**DIANTHUS CANTON RED**—Fine single flowers of true red with slight white stippling, upfacing on short, sturdy stems. A vigorous, floriferous sort of close, compact growth. Fully hardy, long blooming, long-lived. Plants, each 50c.

**DIANTHUS BEATRIX**—An exquisite everblooming double with fragrant blossoms of pure shell pink. Plants, each 50c; 3 for \$1.40.

**DIANTHUS SILVERMINE**—An altogether lovely everbloomer with sweetly scented flowers of purest white. Very like Beatrix save in color. Plants, each 50c; 3 for \$1.40.

**DIANTHUS ABBOTSFORD**—Double, fragrant flowers of white-splashed crimson. Plants, each 50c; 3 for \$1.40.

**DIANTHUS NEGLECTUS**—(2-3)5. An aristocrat of the rock garden. Tufted grower with blossoms of brilliant cherry, rosy buff in reverse. Plants, pot-grown, each 50c.

**DIANTHUS ROSE CUSHION**—A miniature, only 3 or 4 inches high. Dense, rounded cushions of deep rosy pink. Right for the rock garden. Plants, each 50c; 3 for \$1.40; 10 for \$4.25.

**DIANTHUS SPRING DELIGHT**—Fringed, double blossoms of soft pink, sweetly fragrant. Plants, each 50c.

**GARDEN OF PINKS**—One plant each of the 19 kinds offered above in plant form, for \$7.75. Order as **OFFER 79AN9**.

**DIANTHUS ROCK GARDEN BLEND**—Lower kinds, for rock garden or bedding. Pkt. 20c;  $\frac{1}{16}$  oz. 35c;  $\frac{1}{8}$  oz. 55c.

**DIANTHUS PEERLESS BLEND**—Seeds of all the kinds we grow, low and taller alike. Pkt. 15c;  $\frac{1}{8}$  oz. 40c;  $\frac{1}{4}$  oz. 75c.

## 1 DICENTRA or BLEEDINGHEART

Hardy, tuberous-rooted perennials of much charm. "yt" culture. **CHRYSANTHA**—(2-3)60. Golden Eardrop. High clusters of inverted golden hearts over silvered foliage. Spectacular. Full sun. Sow in position. Pkt. 20c; 3 pkts. for 50c. **EXIMIA**—(2-4)16. Plume Bleedingheart. Plumes of rose-colored heart-flowers over slashed evergreen foliage. Sun or light shade. Pretty much everblooming. Pkt. 15c; 3 pkts. for 40c. Plants, each 50c; 3 for \$1.40. **SPECTABILIS**—(1-2)20. The true Bleedingheart, perhaps most charming flower of its season, a plant of present beauty and of pleasant memories. Gracefully curved sprays of big, pendant, rose-colored heart-blossoms, tipped white. In full spread of bloom, a lovely thing. Pkt. 25c;  $\frac{1}{16}$  oz. 65c;  $\frac{1}{8}$  oz. \$1.10. Plants, each 80c; 3 for \$2.30. **FORMOSA**—(2-4)12. Nodding sprays of pink hearts above ferny foliage. Pkt. 20c. **OFFER 81A9**—One pkt. each of the above for 65c.

**DICENTRA OREGANA**—(8)10. Delightful everbloomer with silvered foliage and pretty heart-blossoms of rose-suffused cream. A fully hardy exquisite for rock garden or other positioning. Shade or sun. Long-lived, plants widening year by year. Plants, each 75c; 3 for \$2.10.

**DICENTRA SWEETHEART**—(8)12. Blossom-hearts of purest whiteness, in graceful plumes above fern foliage of translucent sea-green. This rare variety of *Dicentra formosa* blooms May into November. Shade tolerant, but does well in sun if mulched about with grass clippings, leaves or other litter. Sweetheart *Dicentra* was named and introduced by this firm. Plants pot-grown, each \$1.00; 3 for \$2.90.

## 1 DODECATHEON or SHOOTING STAR

Fragrant blossoms in something of Cyclamen form, the petals thrown straight back as though by thrust of air in swift meteoric passage. A truly delightful spring flower for rock garden or for many another use. *Illustrated opposite.* Colorings range from suffused whites, through pink and lilac, to purple. "kt". Pkt. 25c; 3 pkts. for 70c.

**DODECATHEON MEADIA**—Fragrant, clustered flowers, palest pink to suffused rose. Pkt. 25c;  $\frac{1}{16}$  oz. 60c. Plants, each 40c.



DODECATHEON

## 1 DICTAMNUS

Old garden favorites of many folk-names, Dittany they are called, or Fraxinella, or Burning Bush, or Gasplant, but to botanists they are *Dictamnus*. They cut well, and few perennials have longer life, the plants becoming stronger and better each year. 36 inches. The showy, lemon-scented flowers yield in warm dusks an ignitable, flashing gas. "kt" culture. **ROSE FORM**—Racemes of large flowers in rich rose, veined red. Pkt. 15c;  $\frac{1}{16}$  oz. 30c;  $\frac{1}{8}$  oz. 50c. Plants, each 70c; 3 for \$1.90. **WHITE FORM**—We do not know of a better white-flowered perennial. Pkt. 15c;  $\frac{1}{16}$  oz. 30c;  $\frac{1}{8}$  oz. 50c. Plants, each 65c; 3 for \$1.80. **MIXED COLORS**—Seeds only, rosy red and white in mixture. Pkt. 15c;  $\frac{1}{8}$  oz. 45c;  $\frac{1}{4}$  oz. 75c.

## 1 SHOWY LEOPARDBANE

It is *DORONICUM EXCELSUM*, Great Leopardbane, a spring-flowering perennial of much beauty. Big, showy blossoms to 4-inch diameters, on long stems, in shining golden orange. Desirable for border decoration and for cutting. 50 inches. Plants, each 55c; 3 for \$1.50; 10 for \$4.50.



\* **DIASCIA BARBERAE** — erk(3-4)15. Exquisitely formed blossoms of clear salmon pink with golden markings, are long carried on slender-stemmed, airily graceful plants. Garden annual, or a good pot plant. Pkt. 20c.

\* **DICRANOSTIGMA FRANCHETTIANUM** — erbk(8)20. Rapid Celandine. A pretty, long-blooming annual from Himalayan hills. Above leaves white-marbled on green, a tangle of branching fills with blooms of imperial yellow. Everblooming. Pkt. 20c;  $\frac{1}{16}$  oz. 50c. We can also supply **D. LACTUCIOIDES**, which is even better, (but we haven't flowered it yet), 20c the pkt.

\* **DIDISCUS COERULEUS** — exc(3)18. Lace-like dome clusters of little blue flowers. It cuts. Pkt. 10c;  $\frac{1}{8}$  oz. 35c.

3 **DIERAMA BLEND** — rbkt(3)50. Bells of blush, rose-red or amaranth, pendant from willowy stems. *Illustrated page 24.* An unusual garden bulb that winters outside well north if given good protection of straw or leaves. May also be grown in pots in colder climates. Pkt. 20c;  $\frac{1}{16}$  oz. 35c.

**DIPLARRHENA MOREA** — Rare Tasmanian with "iris" leaves and loose spikes of quite large, sweetly scented flowers, the outer segments white with lilac flush, the smaller, inner segments of pale, creamy yellow. Handles readily as a pot plant, but, with protection, should also winter outside in climate of Philadelphia. Plants, each 65c.

## 1 DIGITALIS, including Foxglove

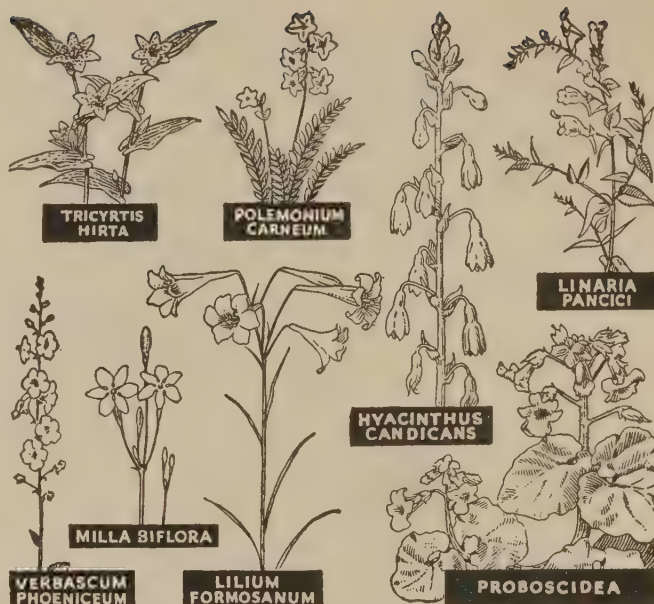
Friendly long favorites, these. "x" culture. **ORIENTALIS AVALON** — (2-3)60. Gothic towers of flowers in close imbrications. Blossoms of downy white with chestnut reticulations. Pkt. 15c. **THAPSI** — (3-4)20. Charming Spanish species, a true, long-lived perennial for rock garden or lower border. Fountain-like plants. Blossoms open buff-tinged cream, suffusing gradually with strawberry tones. Full hardiness. Pkt. 20c;  $\frac{1}{16}$  oz. 35c. Plants, each 60c; 3 for \$1.50. **FERRUGINEA** — (3)60. Imbricated masses of creamy yellow flowers, each overlaid with a heavy netting of ruddy-brown lines. A spectacular and easy species, but monocarpic. Pkt. 20c; 3 pkts. for 50c. **GIANT SHIRLEY FOXGLOVE** — (2)60. The oldtime Foxglove in giant selection; big blossoms in closely imbricated placement. There will be white, varied pinks to deepest rose, often charmingly spotted. Pkt. 15c;  $\frac{1}{16}$  oz. 25c;  $\frac{1}{8}$  oz. 40c. **HYBRIDA LUTZI** — (2)60. True Foxglove blossoms. Blush apricot to rosy salmon. Pkt. 15c;  $\frac{1}{16}$  oz. 25c;  $\frac{1}{8}$  oz. 40c. **LANATA** — (3)40. Loose spikes of rather large flowers in softest cream, reticulated with orange brown. Pkt. 15c; 3 pkts. for 40c. **PURPUREA MONSTROSA** — Fine large flowers in shades of pink, rose and purple, with white, the spikes showily tipped with a close rosette of symmetrical bloom. Pkt. 15c. **OFFER 84A9** — One pkt. each of the above for 90c.

**DIGITALIS BLEND** — All the above, with like others, in mixture. Pkt. 15c;  $\frac{1}{16}$  oz. 25c;  $\frac{1}{8}$  oz. 40c.

## \*DIMORPHOTHECA 2

The Dimorphothecas are showy, long-petalled daisies from South Africa, to be grown as Annuals. *Illustrated opposite.* "kt" culture. **SINUATA** — Easiest, and altogether charming. Three months of flowers in glossily rich orange. Pkt. 15c;  $\frac{1}{16}$  oz. 25c. **RINGENS** — (3)14. Glistening, white 4-inch flowers are ringed violet and centered orange-and-black. Pkt. 20c. **AURANTIACA HYBRIDS** — (3)14. Tones of apricot, salmon, ceru, cream, copper, rosy suffusions, pure and smoky yellows, orange. Amazingly color-variable, and as amazingly beautiful. Pkt. 15c;  $\frac{1}{16}$  oz. 30c. **ECKLONIS** — (3)25. Sturdy, upright grower with large, white flowers, purple-tinged in reverse. This, and **Spectabilis**, need longer season than the others. Start them early. Pkt. 20c. **OFFER 83A9** — One pkt. each of the above for 65c.

**DIMORPHOTHECA JUCUNDA** — (8)12. A rare and clear rosy mauve are the big, long-stemmed daisy-flowers. Makes a delightful, everblooming pot plant, or may be grown in garden. It winters outside at Philadelphia if well mulched, starting to bloom in early spring, maintaining a succession of its uniquely colored daisies until November. Plants, each 60c.



**DIPSACUS FULLONUM** — ecbnx(2-3)60. Big, decorative, blue flowerheads. The dried seed heads are effective in winter bouquets. Biennial. Pkt. 15c.

2 **DISSOTIS INCANA** — zkw(3)24. Attractive South African with ashy, red-tinged foliage and pretty rose pink flowers. North, protect, or grow as pot plant. Pkt. 20c.

\* **DOLICHOS MIXED** — ex(3)100. Hyacinth Bean. Quick annual climber for trellis, fence or screen. Attractive white or purple flowers in upright clusters. Pkt. 15c; 3 pkts. for 40c.

\* **LIVINGSTON DAISY** — k(3)8. *Dorotheanthus bellidiformis*. Pretty little succulent Annual for full sun, with fluffy blossoms in pink, rose, red or white. Pkt. 15c.

1 **DOUGLASIA MONTANA** — ryt(1)5. Tufted rock garden perennial. Mounds of daintiest pink in spring. Pkt. 20c.

1 **DRABA REPENS** — (Sibirica) — erkt(1)5. In early spring the low, green mats are set over with a rippling canopy of little golden flowers. Plants, each 50c; 3 for \$1.40.

2 **DRACAENA AUSTRALIS** — w. Excellent pot plant, or for accents in lawn vases, porch boxes, etc. Long leaves, sometimes parti-colored. *Dracaena indivisa* of horticulture is this, but botanically it is *Cordyline*. Pkt. 15c;  $\frac{1}{16}$  oz. 25c.

2 **DRACAENA DRACO** — w. Dragon Tree. Long; crowded, sword-shaped leaves. In juvenile stage makes an effective decorative plant for the conservatory. 8 seeds, 25c.

1 **DRACOCEPHALUM FRUTICULOSUM** — ebx(8)40. Showy long-bloomer with whorls of rather large blue-violet blossoms. Plants, each 60c.

\* **DRACOCEPHALUM MOLDAVICA** — enc(3)18. A pleasant, easy, aromatic Annual. Long racemes of flowers. Blue and white mixed. Pkt. 10c;  $\frac{1}{4}$  oz. 25c.

2 **DRACOCEPHALUM RUYSCHIANA** — erbx(3)18. Called "Hardy Blue Snapdragon," though labiate. Big and showy blue-violet flowers in fat cluster-spikes. Really beautiful when in full bloom. Plants, each 50c; 3 for \$1.40; 10 for \$4.50.

1 **DRYAS OCTAPETALA** — rgyt(2)5. Mats of evergreen "oak" leaves, set over with creamy flowers. Then come silvery pink seed-fluffs. Pkt. 20c.

## \*DAHLBORG DAISY (Golden Fleece)

Delightful everblooming low plant, grown in the garden as an Annual, and unsurpassed for close edgings, bedding, or as a rock garden filler. Myriads of tiny daisy-blossoms in a 24 carat gold tone, over mounds of aromatic fern-foliage. 6 inches. Sow early. May also be grown as a pot plant, behaving then as a perennial. *Thymophylla tenuiloba*. Pkt. 20c.

## \*TEXAS GILLIFLOWER

The pretty white blossoms suggest those of Stocks, but here the ever-lengthening clusters are broader, more rounded. In bloom through months of summer heat, each plant a bouquet. Botanically *DITHYREA WISLIZENII*. k(w)20. Drought-resistant. Pkt. 15c;  $\frac{1}{16}$  oz. 25c.



1 **DUCHESNEA INDICA**—Low, hardy plants with "strawberry" foliage, spreading by runners. Golden flowers followed by shining red fruits carried above the leaves. Rock garden or carpeting. Sometimes used in hanging baskets. Pkt. 15c.

2 **DROSANTHEMUM SPECIOSUM** — Showy Dew-flower. Great quantities of flowers that open lavender-rose but soon becoming brilliant red-orange. Attractive, succulent foliage. A really showy pot plant. Also effective as a summer bedder, used in a dry, sunny position. Plants, each 45c; 3 for \$1.20.

2 **DYCKIA BLEND**—w. Desirable plants for pot culture, making dense rosettes of fat and highly glossy leaves, lightly spine-edged, the whole in particularly deep, rich green. Eventually comes a high inflorescence, sulphur yellow to orange red. One of the easier and better Bromeliads. Pkt. 20c; 1/16 oz. 65c. Plants, each 45c; 3 for \$1.25.

6 **ECCREMOCARPUS SCABER**—\*ek(w)(8)70. Glory-vine. Airy foliage and sprays of oddly lobed flowers in orange scarlet. Charming pot or hanging basket plant, or it may be grown outside on a low trellis. Pkt. 20c.

1 **ECHINACEA PURPUREA**—ecdbx(3)45. Showy flowers with reflexing rose-purple petals from high cone centers. Long-lived border perennials of great hardiness. Synonym *Rudbeckia purpurea*. Pkt. 20c; 1/16 oz. 30c; 1/8 oz. 45c. Plants, variety **THE KING**, considered an improvement in size, form and blossom coloring over the type, each 60c; 3 for \$1.80.

## 2 SHASTA DAISIES

Soundly hardy, long-lived perennials, satisfactory for mixed border planting and for cutting. Big daisies, often 4 to 5 inches across, pure white, or rarely faintly creamy. Seeds saved from singles of high merit. ecbk(2-4)30. Pkt. 15c; 1/16 oz. 25c; 1/8 oz. 40c; 1/4 oz. 75c. Plants, fine, large flowered singles, long in stem, with petals of heavy texture. Each 40c; 3 for \$1.10. **MOUNT SHASTA**—Splendid full double, in bloom for months. High-centered flowers of purest white. Plants, each 65c; 3 for \$1.85. **EDGE-BROOK GIANT**—Single white, blossoms of immense size. Probably the largest-flowered of all the Shasta Daisies. Long stems. Plants, each 70c.



## 2 THE SCARLET ORCHID

Here is a beautiful true Orchid, *Epidendrum O'Brienianum*, that handles well as a pot plant under window conditions. Brilliant scarlet blossoms in big spray-clusters, lip touched with orange yellow. *Illustrated opposite*. Pinch plants back occasionally to keep them bushy. Per pkt. 40c. Can also supply plants, good single-stem that should bloom within a few months at each \$1.15; 3 for \$3.25.

**BOOK—AMERICAN ORCHID CULTURE**—White. How to grow them, sources, propagation, description. 260 pages, 110 illustrations. \$6.00.

## 2 THE EASY ECHEVERIAS

Six attractive pot plants with curling racemes of pretty flowers above rosettes of thick and crispy, succulent foliage. **GLAUCA**—Large, flattened rosettes of blue-glaucous, succulent leaves, often with narrow edge of purple toward the leaf tip. Little flowers, pink without, yellow within. Each 40c. **DERENBERGI**—Dense, silvery rosettes, each leaf red-tipped. Pretty orange pink flowers. Plants, each 40c; 3 for \$1.10. **WEINGARTI**—Here the rosettes are dense, compact, built of thick, succulent leaves in the darkest and richest of shining emerald greens. Plants, each 40c. **MULTICAULIS**—Distinctive species with thick, red, branching stems, each branch topped by a fat, rose-toned rosette. Flowers red-orange, but soft yellow within. Plants each 40c; 3 for \$1.10. **ELEGANS**—Called Ghost Flower from the eery look of it at dusk. Rosettes of silvery white. Dainty little flowers of apricot tone. Plants, each 40c; 3 for \$1.10. **PULVINATA**—As different as it well could be. The thick, fat leaves are covered with down in effect of silver-green velvet, but red-shaded toward the leaf tip. Scarlet flowers. Plants, each 40c; 3 for \$1.10. **OFFER 85AN9**—One plant each of above for \$2.15.

**ECHEVERIA SEEDS**—Seeds of ornamental Echeverias in mixture, saved from varied assortment. Pkt. 20c.

1 **EPILOBIUM NUMMULARIFOLIUM**—\*rstx(3)2. Trailing carpets of minute, overlapping emerald leaves, bronze in sun, with daintiest snowy star-lets of blossoms above, the stems airy, invisible. New Zealand. Pkt. 20c.

## 1 EREMURUS or FOXTAIL LILY 3



By mid-June the magnificent spike of *Eremurus robustus* that has so strikingly accented the border, is losing its hundreds of airy, pink star-blossoms, but the nearby *Eremurus Bungei* will be opening the rich gold of its pyramid spires and the lower buds of the Shelford Hybrids will show varied lovely tones of apricot, salmon and coppery orange. *Eremurus* is of full winter hardiness here, and there is little difficulty to the growing of it, providing seed is sown so that it has long exposure to cold. The roots go fully dormant in summer. Seedlings take at least three years to reach flowering size; but they are long lived, once happily established. "yt" culture. *Illustrated opposite*. **ELWESIANUS**—6 ft. Softest pink. A splendid early. **ELWESIANUS ALBUS**—6 feet. Snowy white. **BUNGEI**—5 ft. Spikes of gold-orange stars. **ROBUSTUS**—8 ft. Hundreds of individually large rose-pink stars are packed in tall spires. **HIMALAICUS**—8 ft. Dense spikes of fragrant, snowy stars. **SPECIAL HYBRIDS**—This, the Shelford group, is latest to bloom. Rich in delectable apricots, salmon tints, orange, coppery tones, with pure or suffused whites. **HIM-ROB**—Fine Himalaicus-Robustus hybrid. Tall, slender spikes of faintest pink. **WAREI**—Rich, coppery yellow. **UNIFORM PRICE**—Any of the above, pkt. of 20 seeds for 25c; 100 seeds for 80c; 250 seeds for \$1.75. **OFFER 86A9**—One pkt. each of the eight kinds for \$1.70.

**EREMURUS PEERLESS BLEND**—All above, with perhaps others, 20 seeds for 25c; 100 seeds for 75c; 250 seeds for \$1.60; 500 seeds for \$3.00; 1000 seeds for \$5.70.

**ASK FOR THEM**—Supplementing this catalog are two special folder offers, either or both of which will be sent gladly upon request. **SPECIAL BOOK OFFER**, lists and describes the many books on garden, nature and botanical subjects that we sell. **TREASURE CHEST FOLDER**, gives in price list form a large number of additional offerings in desirable seeds, plants and bulbs.

1 **ECHINOPS**—ebx(3)70. The decorative Globe Thistles. **EXALTATUS**—Big heads of metallic blue. Boldly handsome. Pkt. 15c. **NIVEUS** (*Sphaerocephalus*)—Soft silvery blue. Acanthus-like foliage. Pkt. 15c; 1/16 oz. 25c. Plants, each 40c; 3 for \$1.10. **RITRO**—Here the flowers are of the most intense, deep blue, a rich coloring that you will like and remember. Pkt. 20c; 1/8 oz. 35c; 1/4 oz. 60c.

• **ECHIU BLUE BEDDER**—erdk(8)20. Tones of intense blue. The flowers are carried in graceful crosier sprays. *Illustrated page 4*. Pkt. 15c; 1/16 oz. 25c.

• **ECHIU WHITE HILLS**—Variety of last with enamel-white flowers that build up into undulate snowy hills. These two *Echiums* are easy garden annuals of particular value in landscape color schemes. Pkt. 15c; 1/16 oz. 25c.

1 **EDRAIANTHUS MIXED**—erx(2-4)4. Wheel-bell. From grass-like tuft-hubs radiate spoke-fashion stems that end in close clusters of upfacing purple bells. A rather pretty and interesting rock garden perennial of easy culture. Pkt. 20c.

3 **ERANTHIS HYEMALIS**—rkt(1)7. Winter Aconite. Pretty, little, hardy bulb-flowers that are in bloom at first hint of spring. Upfacing, golden blossoms in green ruffs. Pkt. 20c; 1/16 oz. 50c.

## 2 VENUS FLYTRAP

2 **DIONAEA MUSCIPULA**—The Venus Flytrap makes an interesting pot plant. The leaves are truly trap-like, the two halves center-hinged and edged with long bristles. When the leaves are touched, the halves fold together until the bristles interlock. Attractive white flowers. Supplied only in small, single-crown plants. These have naturally scanty roots, but pot them firmly in a mixture of sand and peat, keeping this damp, and they will soon increase to fill the pot. Plants, each 50c; 3 for \$1.40.



**1 ELSHOLTZIA STAUNTONI**—eocbx(4)40. In September the candelabrum branches fill with fluffy, attractive purple bloom-spikes. Exceedingly aromatic. A showy plant. North China. Pkt. 15c;  $\frac{1}{16}$  oz. 30c. Plants, each 55c.

**1 EPIMEDIUM**—Charming rock garden plants for shade or sun. So graceful is the foliage that just cut sprays of it are decorative. **NIVEUM**—7 inches. Exquisite foliage, with intricate blossoms that are like little snowy Orchids. Plants, each 50c; 8 for \$1.40. **ALPINUM RUBRUM**—10 inches. Lovely foliage, set with somewhat starry, dark red flowers. Plants, each 50c; 8 for \$1.40. **PINNATUM ELEGANS**—9 inches. Foliage in the usual, decorative, open form, set with flowers of soft yellow. Plants, each 55c. **MACRANTHUM VIOLACEUM**—9 inches. Slightly larger blossoms, all of a soft violet. Plants, each 55c; 8 for \$1.50. **OFFER 80AN9**—One plant each of the four for \$1.90.

**1 ERINUS ALPINUS**—\*erpstx(2-3)5. Jewel-flower. Charming blossom miniatures of blue-violet are set densely in cushion form over low, mound tufts. Long-bloomer for the rock garden. Pkt. 15c. Also variety **CARMINEUS**. Carmine rose. Bright. Pkt. 20c.

**1 ERIOGONUM BLEND**—rbkt(2-3)12. Discover the Eriogonums and you will open a new world of blossom pleasure. Clusters of pretty, delicately tinted flowers are carried in dense umbels on slender stems. *Illustrated opposite.* Colorings range through cream, ivory and lemon, to deep yellow, often with a faint suffusion of pink or rose. In some forms the foliage is white-tomentose. Mixed. Pkt. 20c; 3 pkts. for 50c.

**1 ERIOPHYLLUM LANATUM**—kt(3)18. Oregon Sunshine. A profusion of golden daisies. Pkt. 15c.



## 1 ERICA or HEATH

Fine-leaved, evergreen plants with multitudes of daintily attractive blossoms. See also Calluna.

**1 ERICA CARNEA**—rk(8)12. Splendid hardy Heath that is close to everblooming, seldom without its pretty little rose colored bells, even blossoming during mild periods of winter. The plants are evergreen, with needle-like leaves of deep emerald; the plant-form an irregular mound. Does not require special soil conditions. Plants, each 75c; 3 for \$2.00.

**1 ERICA CINEREA**—ratk(2-3)14. Evergreen plants of many twisted branchings. Clusters of showy violet flowers. Pkt. 20c.

**1 ERICA VAGANS**—atrk(3-4)12. Low, spreading, decumbent evergreen, the branchlets tipped in late summer with clusters of rosy purple blossoming. Cornish Heath. Pkt. 20c.

**2 ERICA MIXED CAPE HEATHS**—The other kinds are hardy, but this group is tender, grown only under glass in the North. Most handsome plants with delightful, variably colored flowers. Soil should contain sand and peat. Pkt. 25c.

## 1 ERIGERON

Attractive race of low hardy daisies. The blossoms have long, narrow petals, mostly in lavender, blue or violet, but there are rosy lilacs, pink suffusions, deep yellow and white. Blossoms rise on slender stems from foliage tufts. "kt" culture. Mixed. Pkt. 15c.

**1 ERIGERON SPECIOSUS**—Handsome species, to 12 inches. Great numbers of stems carry fine-petaled blue daisies some  $2\frac{1}{2}$  inches across. Rock garden. Pkt. 20c. Plants, each 50c.

**1 ERIGERON AURANTIACUS**—rkt(3)9. Handsome species with showy semi-double flowers of brilliant orange. Pkt. 25c.

## 1 ERODIUM

**MACRADENUM**—rkt(8)7. Soft, silvery pink blossoms with radiations of velvety black. Fern foliage. 6 seeds for 20c.

**MANESCAVI**—erbkt(8)15. Vivid blossoms of flaming rose-purple month after month. Aromatic, feathery foliage. Pkt. 20c; 3 pkts. for 50c. Plants, each 50c; 3 for \$1.40.

**CHAMAEDRYOIDES ROSEUM**—In full sun it blooms continuously. Foliage cushions are jeweled with rose-veined pink flowers. From Corsica, and needs winter protection in cold areas, but so pretty and so long in bloom that it is worth that trouble. Plants, each 55c; 3 for \$1.50; 10 for \$4.60.

**PELARGONIFLORUM**—erk(w)(8)12. Distinctive, upright species with blossoms in reminder of Martha Washington Geranium, white, the upper petals with pink spots. Will need winter protection in most areas. Pkt. 25c.

**1 ERYSIMUM LINIFOLIUM**—erx(2)12. Spanish Wall-flower. Much-branched low plants are filled with dainty mauve to lavender blossoming. Pkt. 15c;  $\frac{1}{16}$  oz. 30c.

**4 EUCHARIS GRANDIFLORA**—Lily of the Amazon. Waxen blossoms, pure white, sparkling, formed in suggestion of Daffodil. Sweetly perfumed. Handle as a pot bulb giving ample water and keeping from too much sun. May be brought into flower several times each year by giving a short semi-rest with scantier watering between each bloom-burst. Available year around. Bulbs, each \$1.10; 3 for \$3.00.

**3 ERYTHONIUM MIXED**—stryt(1). Trout Lily, or Dog-tooth Violet. Recurved flowers in cream, lemon, gold, lavender, rose, purple. Charming little spring-bloomers for a shady corner. Pkt. 15c;  $\frac{1}{16}$  oz. 30c.

**2 ERYTHRINA CRISTA-GALLI**—ew(3-4)60. Great flares of lucent coral rose. Pleasing foliage. An attractive plant. May be handled in tub or large pot the year around, but more usually it is grown in the summer garden, the semi-tuberous root carried over winter stored in dampish sand in a cool cellar. Large seeds, 5 for 25c; 15 for 50c.

**1 ERYNGIUMS MIXED**—ex. Ornamental flowerheads in tones of blue, including azure. For bizarre decorative effects in garden, or to cut. Many fine kinds but not Leavenworthi. Pkt. 15c;  $\frac{1}{8}$  oz. 35c. Plants, each 40c; 3 for \$1.10.

## \*PURPLE DECORATIVE 1

Showy flowerheads of richest, glowing purple-violet are subtended by jagged bracts in the same deep glorious shade. Plant it for striking decorative effects, as it grows in the garden, or cut. It is **ERYNGIUM LEAVENWORTHII**. *Illustrated opposite.* Sown very early, this blooms first year. Sown late, it blooms the next year. Pkt. 20c; 3 pkts. for 50c.



## \* ESCHSCHOLTZIA (California Poppy)

Sow them for glorious, summer-long color. There are no easier or gayer Annuals, and none that better stand sun and drought. Long in bloom. The flowers are satiny cups, the foliage fine, fern-like. Color range includes yellow, orange, cream, bluish, pink, rose, flame, mahogany. A fair proportion will be double. 12 to 18 inches. "k". Order as **ESCHSCHOLTZIA SUPERBLEND**—Pkt. 15c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{4}$  oz. 40c; 1 oz. \$1.40.

## 3 THE PINEAPPLE LILY 4

It is **EUCOMIS UNDULATA**, unusual bulb for either summer garden or pot culture. It may be dug in autumn and winter-stored in manner of Gladiolus. Highly attractive foliage, crimped and frilled. From the center rises the thick, tight spike of flowers, cream with elfin green tintings. After the flowers go, the seed capsules that follow are hidden deeply in packed green bracts, the whole topped with another foliage rosette so that the thick spike looks like a green pineapple. ek(w)14. Pkt. 20c. Good bulbs, each 40c; 3 for \$1.10. Extra large bulbs. each 75c; 3 for \$2.10.

A shadow may be key to light.

**5 EUONYMUS AVALON VARIETY**—Shining evergreen leaves with wide, splashes of ivory white. Branching, upright grower. A really fine foliage pot plant. Each 60c.

**1 EUPATORIUM COELESTINUM**—Mist-flower or Hardy Ageratum. Delightful, airy, sky blue. Shade tolerant. It cuts. 25 inches. Plants, each 45c; 3 for \$1.25.

**1 EUPATORIUM RUGOSUM**—estkt(3-4)30. Flowers of fluffy pure white. Good in the mixed, hardy border, or for cutting. Full sun or open shade. Pkt. 15c. Plants, each 45c.

**1 EULALIA GRASS**—Ornamental perennial grass making big, decorative clumps to 7 feet. Valued for accents, backgrounds, screens, and the showy, silky seed-plumes for cutting. **VARIEGATUS**—Leaves with white, lengthwise stripes. Divisions, each 50c; 3 for \$1.40. **ZEBRINUS**—Leaves with white crosswise bandings. Divisions, each 50c; 3 for \$1.40. Technically Miscanthus, which also see.

**\* EUPHORBIA MARGINATA**—ecx(8)36. Snow-on-the-Mountain. Showy Annual with white-edged leaves, the terminal floral leaves being all pure white. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.

**\* EUPHORBIA HETEROPHYLLA**—Fire-plant or Annual Poinsettia. Each of the branching stems ends in a whorl of dominantly fire-scarlet floral leaves. Pkt. 15c;  $\frac{1}{4}$  oz. 25c.



**2 EUPHORBIA SPLENDENS**—Crown-of-Thorns. A long-lived, attractive pot plant with many spiny stems that will twine about stakes or a tiny trellis placed in the pot, in intricate twistings. The "flowers," in many small clusters, are brilliant orange scarlet, and the plants are rarely without a show of color all through the year. Plants, each 55c; 3 for \$1.50.

**2 EUPHORBIA HERMETIANA**—Fine pot plant, making handsome specimens of distinctive form. Triangular stems, thick, succulent, upright, are well marbled white over green. The stem edges are dentate, lightly spined. New branchings arise from the dentations in candelabrum effect. Plants, each 55c; 3 for \$1.50.

## 1 HARDY PERENNIAL EUPHORBIAS

They are among the more desirable hardy perennials. "kt" culture. **POLYCHROMA**—At its best, there is, perhaps, no showier perennial. In spring the plants are 16-inch globes of golden floral leaves that seem to be bright flowers. Then come the multitudes of odd-seed capsules in gayest red. In autumn the plants turn rich crimson. Pkt. 20c. Plants, each 50c; 3 for \$1.40. **CYPARISSIAS**—10 inches. Cypress Spurge. Each stem is like a miniature, dense Cypress. Clustered yellow flower-bracts. Ground cover or rock garden. Plants, each 40c; 3 for \$1.10. **MYRSINITES**—Low decumbent, the many fat stems set with blue-green foliage. In spring each stem ends in a golden bloom-crown. Drought-resistant. Rock garden, terrace, bedding. *Illustrated opposite.* Pkt. 15c;  $\frac{1}{16}$  oz. 30c. Plants, each 45c; 3 for \$1.20; 10 for \$3.60. **COROL-LATA**—28 inches. High, airy panicles of little white flowers. Desirable in the hardy border, or for cutting. Pkt. 20c;  $\frac{1}{16}$  oz. 35c;  $\frac{1}{4}$  oz. 50c. Plants, each 40c; 3 for \$1.10; 10 for \$3.30. **OFFER 88AN9**—One plant each of the four for \$1.60.



EUPHORBIA MYRSINITES

## 1 THE BLUEBELL GENTIAN \*

A glorious beauty is the Bluebell Gentian, **EUSTOMA RUSSELLIANUM** or *Lisianthus*. Big, wide bells of clearest blue, purple-patched. As many as 80 flowers have been counted at one time on a well-grown plant. Usually blooms first year. 1lkt(2-3)30. Pkt. 20c;  $\frac{1}{16}$  oz. 50c.

## FERNS FOR THE HOUSE

Ferns for window, sun parlor or conservatory. See also Asparagus Fern, Cyathea, Selaginella, all this catalog.

**SILVER LACE FERN**—*Pteris argyrea*. If the word "showy" could be applied to any Fern, it would be to this. Gracefully irregular fronds, twice pinnate, with a wide, silvery-white marking through each green leaflet. Plants, each 65c.

**FIJI PLUME FERN**—One of the rarer varieties is *Davallia fijiensis plumosa*, but we consider it the most beautiful, and the most satisfactory, of all house Ferns. The very many fronds are short, spreading, gracefully curved, with narrow pinnae in the richest and deepest of emerald greens, the whole mossy-feathery in effect. Thrives in an east window under ordinary house conditions. Well-grown plants from 4-inch pots, each \$2.25.

**FERN SPORES TENDER BLEND**—Spores of many desirable species and varieties of tender or pot-plant Ferns in mixture. Pkt. 35c; 3 pkts. for \$1.00.

**TREE FERNS MIXED**—The Tree Ferns have a true trunk, the fronds growing in a circle about it and as a crown. For several years in the juvenile stages they make attractive, and rather "different" pot plants. We offer spores in mixtures of species of *Cyathea*, *Alsophila*, *Hemitelia* and perhaps of other genera. Pkt. 35c; 3 pkts. for \$1.00.

**FERNS ANDEAN SPECIES MIXED**—Spores gathered in Colombia, and stated to be from a number of native Andean species of merit. Pkt. 35c; 3 for \$1.00.

**FERNS FROM SPORES**—Dust spores on surface of previously heat-sterilized soil. Cover with pane of glass and keep from direct sunlight until germination takes place. A temperature not greatly above or below 65 degrees is best. Ideal soil would be screened mixture of garden loam and humus (as woods-earth, peat, or rotted sods) with enough sand added to bring to open, friable state. Use water that has been sterilized by boiling, then cooled, for initial moistening. Further watering will likely not be needed until glass is removed. Then water from below.

## THE HARDY FERNS

Here, without grace of bloom, we enter an older plant world, a charm of form and foliage with gaudy color adornment deleted, a restful world in suggestion of summer shade, moss-damp rock trickles and cool forest pools.

**HARDY FERN PLANTS**—These six are of full winter-hardiness, desirable for outdoor planting in the North. **ADIANTUM PEDATUM**—Maidenhair Fern, Dainty, shade-loving species, the delicate fronds divided into fan-like segments. Mulch about with leaves. **ATHYRIUM THELYPTEROIDES**—Christmas Fern. Long, tapering fronds, deeply twice-cut. Prefers shade, and should have some mulching. **DENNSTAEDTIA PUNCTILOBULA**—Hay-scented Fern, so named from the pleasing fragrance of the dried foliage. Dense plants with broad-based, tapering fronds, thrice-cut. Prefers light shade but tolerates sun. **DRYOPTERIS SPINULOSA**—Wood Fern. Handsome evergreen fronds, thrice-pinnate. Nice for cutting. Prefers shade, but, well-mulched, tolerates sun. Will grow under evergreens. **ATHYRIUM FILIX-FEMINA**—The Lady Fern. Long, bright green fronds, bipinnate. Exceedingly variable; always beautiful. Prefers light shade. **ONOCLEA SENSIBILIS**—Sensitive Fern. Handsome, robust Fern with rather broad fronds in pleasingly irregular effect. Does well in full sun if mulched about the roots. **UNIFORM PRICE** of the above, each 60c; 3 of one kind for \$1.60. **OFFER 89AN9**—One plant each of the six hardy Ferns for \$3.15.

**FERN SPORES HARDY BLEND**—Mixture of many winter-hardy species. Easily grown, see directions under head Ferns from Spores. Pkt. 20c;  $\frac{1}{32}$  oz. 40c;  $\frac{1}{16}$  oz. 75c.

## 2 FUCHSIAS FOR LONG BLOOM

**CONSERVATORY BLEND**—Pendant "eardrop" flowers in soft color tones, often two hues contrasting. Excellent window or conservatory plants, easy, long in bloom. Splendid mixture, saved from both single and double-flowered forms. Seeds are tiny. Pkt. of not less than 20 seeds, each 35c; 3 for \$1.00.

**FUCHSIA PLANTS**—Easy and beautiful flowering plants for window or conservatory. **GIANT PINK**—Large double flowers in blending pink tones, the sepals pure salmon pink, the corolla blush to chamois. **LAVENDER BEAUTY**—Rose pink sepals with a full corolla that opens deepest blue, becoming mauve or lavender. **PRIDE OF ORION**—A handsome study in contrasting coloring, the sepals deep rose, the corolla pure white. **BLACK PRINCE**—Rose colored, reflexed sepals with flaring, carmine corolla. Vigorous, showy, easy. **SPECIOSA**—Free-blooming and graceful. Long "eardrop" flowers in two shades of pink. Well-grown specimens make a wonderful showing. **LITTLE BEAUTY**—A dwarf, compact free-bloomer, the flowers in contrasting pink-carmine and blue. **UNIFORM PRICE**—Each 45c; 3 plants of one kind for \$1.25. **OFFER 91AN9**—One plant each of the six for \$2.45.

**1 FUCHSIA MAGELLANICA**—Pendant rosy blossoms, centered blue-violet, carried on gracefully diffuse plants, to 10 inches. Desirable in the rock garden. With protection of straw or litter will winter outdoors well north. *Illustrated opposite.* Plants, each 50c; 3 for \$1.40.



HARDY-FUCHSIA

**RARE FUCHSIA SPECIES**—We are likely to have seeds available of several rare Fuchsia species, as of Boliviana, Boliviana alba, Hemsleyana, Coccinea, Arborecens, Corymbiflora alba, Fulgens, Macrostemma alba, Serratifolia, Procumbens, Excorticata, etc. If they interest you, ask for our **TREASURE CHEST LIST**, also for latest **RARE-FLOWER BULLETIN**, both or either sent on request.

**FUCHSIA SPECIES BLEND**—Seeds of species (botanical) Fuchsias in mixture. Includes many unusual kinds from Andean highlands. Here will be Fuchsias of many forms and colorings, all of them attractive, most of them beautiful. Pkt. 35c; 3 pkts. for \$1.00.

## 3 THE DAINTY FRITILLARIES

Cousin to the true Lily, the genus **FRITILLARIA** holds many a charming exquisite. Flowers are usually recurved, but again bell-like. Variations in cream, yellow, rose, violet, scarlet or white, sometimes in tessellations. Rock garden or shade-edge colonies. "yt". Mixed. Pkt. 20c.

**FRITILLARIA IMPERIALIS**—yt. Crown Imperial. Circlets of pendant, showy bells, bronze, orange or crimson. 40 inches. Pkt. 20c; 3 pkts. for 50c.



**2 FAUCARIA TIGRINA**—Called Tiger's Jaw from the thick, triangular, opposed leaves, edge-set with curved, interlocking teeth. Big, fluffy, yellow flowers. An attractive and curious pot plant. Plants, each 40c; 3 for \$1.10.

\* **FELICIA**—k. Pretty South African daisies that will behave as Annuals if sown early. Mostly brilliant blue, though one species opens rose and turns blue. Mixed. Pkt. 20c.

**1 FILIPENDULA HEXAPETALA**—A delightful double-flowered Meadowsweet in snowiest white. Above fern foliage. 12-inch stems bear sprays of blossoms that might be frozen seafoam. Full hardiness. Charming in rock garden. Plants, each 55c; 3 for \$1.50. Can also supply the **SINGLE HEXAPETALA**, slightly taller and with airy white flowers, at 20c the pkt. Plants, each 45c; 3 for \$1.20.

**1 FILIPENDULA RUBRA VENUSTA**—50 inches. Airy, pure pink flowers in graceful sprays. Altogether beautiful. Early summer. Long in bloom. Plants, each 55c; 3 for \$1.50.

**2 FITTONIA ARGYRONEURA**—Silver-net Plant. Easily grown and beautiful foliage plant for an east or north window. Requires no direct sun. Foliage of most velvety emerald green, netted with pure white veining. Plants, each 45c; 3 for \$1.20.

**FRANKLIN TREE**—See page 2.

**1 GALAX APHYLLA**—rmstatyt(1)10. Ornamental foliage, that in spring is delicate green-yellow, in summer bronze, in autumn wine red. Spikes of pretty cream-white flowers, tolerates sun but prefers some shade. Pkt. 20c. Plants, each 55c; 3 for \$1.50.

**1 GALIUM VERUM**—ecx(3)25. The charming Golden Baby-breath. Tall sprays of airy, golden flowerlets over foliage of green lace. Delicate fragrance. Good cut flower. Pkt. 20c. Plants, each 50c; 3 for \$1.40.

**6 GARDENIA JASMINOIDES**—w. Evergreen shrub with fragrant waxy, white flowers, usually single in seedlings, but sometimes double. Winter-hardy to Virginia. North, grown as a pot plant. Pkt. 20c.

**6 GARDENIA VEITCHI**—Perhaps finest horticultural form of the lovely Cape Jasmine, *Gardenia jasminoides*. It is tender evergreen shrublet that bears a long succession of sweetly perfumed, large and double Camellia-like blossoms, pure white and with thick, waxy petals. Grown as a pot or conservatory plant. Good plants, each 75c; 3 for \$2.10.

**2 GASTERIA BLEND**—Succulent pot plants, decorative in form and foliage. Piled rosettes of short, thick leaves that may be silvery green, glossy dark green, or with white markings and marblings. Pkt. 20c.

## FIGS FOR THE NORTH

You can grow your own Figs, even in the North, for the trees are almost hardy, and usually carry through well if given a position close to south side of a building, together with a protection of corn stalks or other material in winter. Figs grow quite quickly, and start fruiting at a fairly early age. *Ficus carica*. Pkt. 20c;  $\frac{1}{16}$  oz. 50c. Plants, young stock, 8 to 15 inches, each 60c.

## 4 FREESIAS FROM SEED

Quick from seed, often flowering within six months after sowing. The sprays of perfumed flower-trumpets come in rainbow hues, primrose to gold orange, lavender, true blue, white, soft pink, carmine, rare sunset tones. Fine blend, ecw(7)16. Pkt. 25c; 3 pkts. for 70c; 10 pkts. for \$2.00.

## \* GAILLARDIA ANNUAL

**PICTA SINGLE MIXED**—Gorgeous colorings, lemon to bronze maroon, in odd combinations. Pkt. 10c;  $\frac{1}{8}$  oz. 20c.

**INDIAN CHIEF** (Amblyodon)—Big single flowers of coppery maroon. Fine for cutting. Pkt. 15c.

**PEERLESS DOUBLE MIXED**—Curly ball-blossoms in varied brilliant reds, yellows, oranges. Pkt. 10c;  $\frac{1}{8}$  oz. 20c.

## 1 GAILLARDIA PERENNIAL

Rich color, June to autumn. "x" culture. **PORTOLA HYBRIDS**—Big, long-stemmed flowers in varied metallic reds, gold-tipped. Pkt. 15c;  $\frac{1}{8}$  oz. 35c. Plants, each 40c; 3 for \$1.10. **SUNSET**—Showy bright yellow. Pkt. 15c. **BURGUNDY**—Usually wine red to maroon. Pkt. 15c. **GOLIN**—Dwarf, compact yellow zoned red. Pkt. 20c. **TANGERINE**—Orange to copper. Pkt. 15c. **OFFER 90A9**—One pkt. of each for 65c. **SUNGOD**—Giant flowers, all golden yellow. Plants, each 50c; 3 for \$1.40. **RUBY**—All glowing ruby red. Plants, each 50c; 3 for \$1.40.

**1 GAULTHERIA PROCUMBENS**—yt(1)6. True Wintergreen. Creeping plant with evergreen foliage. In spring come white flowers, followed by red berries. Rock garden or ground cover. Likes some shade. Pkt. 15c; 3 pkts. for 40c.

**1 GAULTHERIA TRICHOPHYLLA**—rstatkt(1-2)6. Delightful little rock garden plant from the Himalayas. The pink, urn-shaped flowers on the tangles of small-leaved, wiry stems are followed by berries of china-blue. Pkt. 25c.



**THE FRINGED GENTIAN**—*Gentiana crinita*—\*rnstyt(3-4)25. Flowers of exquisite charm, with deeply fringed petals in misty sky blue to indigo. Late autumn or early winter sowings are best, though early spring sowings will often give adequate results. Does not transplant well, except when small. *Illustrated opposite*. Pkt. 20c; 3 pkts. for 50c; 10 pkts. for \$1.50.

## 1 THE GENTIANAS

Gentian for blue, blue for Gentian, almost the words are interchangeable. "kt" culture.

**ACAULIS**—7 inches. Royal blue trumpets of quite startling size on little, spreading plants. Blooms early. Particularly good. Pkt. 20c;  $\frac{1}{16}$  oz. 50c;  $\frac{1}{8}$  oz. 90c.

**ANDREWSI**—(3-4)20. The Closed Gentian can be spectacular in well-grown, many-stemmed plants, each loaded with serried clusters of sealed-vase flowers in the most brilliant of vitreous blues. Rather easy. Pkt. 20c; 3 for 50c. Plants, each 50c; 3 for \$1.40.

**ASCLEPIADEA**—(2)12. The lovely Willow Gentian. Great sheafs of lithe stems, loaded with sapphire trumpets. Thrives in light moist shade, or almost equally well in full sun. Pkt. 20c;  $\frac{1}{16}$  oz. 40c;  $\frac{1}{8}$  oz. 75c.

**CRUCIATA**—(3)15. Deep blue flowers of medium size, produced in such masses that they make a vivid showing. A fine, hardy, easy bedder. Pkt. 15c. Plants, young, one-season, each 35c; 3 for \$1.00; 10 for \$3.00.

**DAHURICA**—(3)14. A really fine Gentian, and one of fairly easy culture. Flowers of rich, dark, blue. Does very well here in the Atlantic coastal plain, right in full sun. Should have mulching about the roots with grass clippings, straw or the like to give it the cool-soil root run it prefers. Pkt. 20c;  $\frac{1}{16}$  oz. 45c;  $\frac{1}{8}$  oz. 75c. Good plants, each 50c; 3 for \$1.40.

**HASCOMBIENSIS**—(2-3)8. Splendid English hybrid. A free producer of big and beautiful blossoms in mid-blue. Does very well in New Jersey. Pkt. 20c;  $\frac{1}{32}$  oz. 40c.

**LAGODECHIANA**—(3-4)8. In bloom for many months, charming, wide-lobed blossoms that are luxuriant bells of deepest indigo. Not at all a difficult species, and definitely one of the more beautiful. *Illustrated opposite*. Pkt. 20c; 3 pkts. for 50c.



**LUTEA**—lt(3)36. Starry golden flowers rise in dense clusters, whorl above whorl. For the mixed hardy border or larger rock garden. Pkt. 20c;  $\frac{1}{16}$  oz. 35c;  $\frac{1}{8}$  oz. 60c.

**ORNATA**—(3)6. An altogether lovely Gentian. Upfacing trumpets of deepest blue, with white throats. Pkt. 25c.

**PHLOGIFOLIA**—(3)17. A Gentian that will thrive in any garden. It grows with such ease that it may be used for bedding. Medium-size flowers of deep blue, produced in abundance. Pkt. 20c; 3 pkts. for 50c. Plants, each 50c.

**PURPUREA**—(3)24. The weird "Red" Gentian. Clustered flowers of rather rich red-brown, with mottled shadings. The flowers are sweetly fragrant. Pkt. 20c;  $\frac{1}{16}$  oz. 40c;  $\frac{1}{8}$  oz. 75c.



**SCABRA BUERGERI**—(3-5)16. Garland Gentian. Big, 5-lobed bells in a fine, deep blue are cluster-scattered along out-spraying stems in almost wreath effect. Fine, showy species, in bloom September into November. A good one. *Illustrated opposite*. Pkt. 20c; 3 pkts. for 50c. Plants, each 65c; 3 for \$1.80.

**SEPTEMFIDA**—(2-3)9. Amazingly beautiful, jagged flower-bells of lovely soft blue. An enduring perennial of easy handling, becoming better year by year. Pkt. 25c. Plants, each 70c.

**OFFER 92A9**—One pkt. each of above for \$2.40.

**GENTIAN BLEND**—Includes seeds of most of the kinds here, with others as fine. Pkt. 20c;  $\frac{1}{16}$  oz. 40c;  $\frac{1}{8}$  oz. 75c.



**OTHER GENTIAN SPECIES**—Not room to describe all. These are good, too. **PROLATA**—9 inches. Sikkim. Deep blue. Pkt. 20c. **FREYNIANA**—Consider it *Septemfida* with larger flowers. Pkt. 25c. **PRYZEWALSKI**—6 inches. Creamy flowers, blue-streaked. Pkt. 25c. **ELWESI**—15 inches. Pale blue. Pkt. 20c. **KUROO**—5 inches. A beauty. Blue with green dots. Pkt. 25c. **DECUMBENS**—9 inches. Easy. Variable blues. Pkt. 20c. **SIKKIMENSIS**—9 inches. Mats. White-throated bluebells. Pkt. 20c. **STYLOPHORA**—40 inches. Soft, creamy, yellow. Stately. Pkt. 20c. **TRICHOTOMA**—14 inches. Deep blue, white within. Pkt. 20c. **ASCLEPIADEA ALBA**—12 inches. Little white trumpets. Pkt. 20c. **CACHEMIRICA**—8 inches. Azure bells, striped cream. Pkt. 25c. **PORPHYRIO**—10 inches. Ultramarine bells, green-flecked. A rare autumn beauty. Pkt. 35c. **ANDREWSI WHITE**—Pleasing white blossoms. Pkt. 20c. **SETIGERA**—12 inches. Blue-purple flowers. Pkt. 20c. **VERNA**—4 inches. Dwarf spring-bloomer in brightest blue. Pkt. 30c. **SAXOSA**—Rare New Zealander. Large flowers, pure white or white with purple flecks. Pkt. 35c. **OFFER 93A9**—One pkt. each of the Gentians here for \$3.00.

## \* GAZANIA EVERBLOOMING 2

**\* GAZANIA HYBRID BLEND**—erk(w)(8)9. Here is continuous, all summer brightness that fears neither drought nor sun. Green foliage rosettes, cottony below, are dominated by big daisies that vary from lemon to orange, even at times with red approaches. Usually the blossoms are zoned with a serrated banding of red-brown or of blue-black. In the garden *Gazania* handles as an easy, showy annual, but it makes a superb pot plant, too, being actually a tender perennial. Fine blend, hybrids and species. Pkt. 25c; 3 for 70c. Plants, pot-grown, each 45c; 3 for \$1.25.

**HOUSE AND GREENHOUSE PLANTS** as quoted in pot-grown stock in this catalog, are supplied, unless otherwise stated, in good, young stock that is at, or just under, blooming size. This size packs and ships well. It will start into growth quickly after you receive it, and should give plenty of flowers right soon. We don't send out big, specimen stock. That would cost you a whole lot more than we charge, and it wouldn't give you as good results in the long run, anyway.

**2 FICUS ELASTICA**—w. Rubber Plant. Grown as a decorative foliage pot plant. Big, thick, shining green leaves. Pkt. 20c, 3 pkts. for 50c.

**\* GAURA LINDHEIMERI**—ebdx(8)30. Delightful flowers that might be big white butterflies with roseate tinge, sit in precarious airy perchings along the many slender stems, this effect for months on end. Pkt. 15c;  $\frac{1}{16}$  oz. 25c.

**6 GENISTA CANARIENSIS**—w. Handsome, fragrant yellow flowers. Pot plant, North. The *Genista* of the florist, but botanically a *Cytisus*. Pkt. 20c.

**1 GENISTA SAGGITALIS**—rkt(3)9. Dark green foliage—stems that simulate those of Christmas Cactus. Terminal racemes of yellow flowers. Pkt. 20c. Plants, each 50c.

**2 GERBERIA JAMESONI HYBRIDS**—k(w). Transvaal Daisy. Big and graceful daisy-flowers of many bright hues and blending tones, salmon, orange, apricot, yellow, coral, pink, rose and scarlet. Often four inches across. North, usually grown as a house or conservatory plant, or plunged in the garden, in summer, and wintered in a light cellar. 15 seeds for 15c; 50 seeds for 40c; 100 for 75c.

**2 GESNERIAD BLEND**—w. The *Gesneria* family includes many genera and species of desirable and beautiful plants that may be grown and flowered in pots under glass. We offer a blend of many kinds, as of *Isoloma*, *Chirita*, *Kohleria*, *Drymonia* and including a group of unusual *Gesneriads* from Andean foothills. Pkt. 35c.

**1 GILIA RUBRA**—ebkt(3-4)50. Skyrocket Flower. Spectacular in the great spikes of coral-suffused scarlet flowers. Though naturally short-lived, it is an easy, fully winter-hardy perennial of magnificent showiness. *Illustrated opposite*. Pkt. 15c;  $\frac{1}{16}$  oz. 25c;  $\frac{1}{8}$  oz. 40c.

**1 GILIA AGGREGATA**—bkt(3-4)36. Flowers that are flaunting, effulgent banners in scarlet-and-buff. Hardy perennial. Pkt. 20c.



## 1 TRUE or HARDY GERANIUM

They yield long display of handsome bloom, wintering without any difficulty well north, and giving a pleasant touch to the rock garden, or the border. All will stand full sun but all are shade-tolerant. Please don't confuse them with the frost-tender bedding or pot plants that the florist calls "Geraniums" for those are really *Pelargoniums*. The true *Geraniums* are winter-hardy, outdoor perennials. "kt" culture. **BLUE BEAUTY**—(2-3)20. Rounded, bushy plants are mantled with big blue lavender flowers from June into August. A garden-effective hardy perennial. Pkt. 25c;  $\frac{1}{16}$  oz. 50c. Plants each 60c; 3 for \$1.60. **ENDRESSI**—(2-3)18. Delightful rosy pink flowers of medium size. A long-bloomer from the Pyrenees. Pkt. 25c. **GRANDIFLORUM**—(3)14. Fine, big flowers of blue-lavender, veined purple. *Illustrated opposite*. Plants, each 55c. **MACULATUM**—(2)25. Attractive flowers, mauve to lavender. Does well in full sun or in open shade. Pkt. 15c. **SANGUINEUM**—Here is long and gorgeous blossoming in a tone not far from blood red, but it varies greatly and pleasingly, in height, season and color. Foliage becomes glowing red in late autumn. Thrives in either shade or sun. Pkt. 20c;  $\frac{1}{16}$  oz. 40c;  $\frac{1}{8}$  oz. 75c. Plants, strong divisions, each 45c; 3 for \$1.15; 10 for \$3.35; 25 for \$7.50. **ARMENUM**—(3)24. Unusual Armenian species with dark red flowers, each petal with a black-purple spot at the base. Pkt. 25c. **MACRORRHIZUM**—(3)12. Long-blooming Balkan species with blossoms in an attractive old rose. Plants, each 50c. **OFFER 94A9**—One pkt. each of above as offered in seed form, for \$1.15.



**GERANIUM HARDY BLEND**—Most of the above, with others, all shade-tolerant. Pkt. 20c;  $\frac{1}{16}$  oz. 40c;  $\frac{1}{8}$  oz. 75c.

**GERANIUM LANCASTER**—Rock garden plant of rare charm. Low mats set with flowers of purest pink, veined rose. The Walney variety of *Sanguineum*. Plants, each 65c.

**GERANIUM SANGUINEUM WHITE**—Blossoms of purest, unmarked white. Low 8-inch mounds. Desirable perennial for rock garden or border. Plants only. each 65c.

## 2 PELARGONIUM (Tender Geranium)

Handsome, desirable pot plants of easy handling.

**GERANIUM ZONALE HYBRIDS**—w. These are the house or bedding *Geraniums*. They are easy from seed, flowering quickly, and the seedlings will show amazing range of colorings, white, pink, rose, salmon, scarlet, crimson. They tend to be everblooming. Pkt. 20c; 3 pkts. for 50c.

**GERANIUM SPRINGFIELD ORANGE**—This fine *Zonale* bears large trusses of fully double flowers in fine orange with hint of scarlet. Plants, each 45c; 3 for \$1.25.

**THE IVY GERANIUMS**—They have shining, crispy leaves of Ivy form, and large, attractive flowers of quite distinctive shape. They make nice pot plants, or since they are naturally of a somewhat decumbent habit, will show well in hanging baskets or window boxes. Good bedders, too. **DOUBLE RED**—A bright, clear, scarlet-toned red, sometimes with small maroon marking. **TINTED WHITE**—Large blossoms of lavender-marked white with hint of blush suffusion. **ROSE PINK**—A very good deep pink with large, full flowers. **UNIFORM PRICE**, each 45c; 3, assorted as desired, for \$1.25.

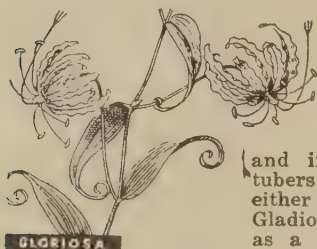
**PELARGONIUM SHOW AND FANCY**—(*Pelargonium domesticum*). When flower-growers say *Pelargonium*, this is what they have in mind. Called also **LADY WASHINGTON GERANIUM**. Handsome pot plants with large, pansy-marked flowers. Five sorts. **EDITH NORTH**—Large, slightly ruffled flowers of salmon pink with rosy tones and brown blotch. **LAVENDER QUEEN**—Soft lavender with small purple blotch on each petal. **MARY BARD**—Flowers pure white, but with irregular pink veinings and dottings. **AZALEA**—Large-flowered rosy red, the upper petals with velvety black patches. **MRS. LAYAL**—Flowers very like pansies, white to lavender, with face markings of velvety purple. Blossoms medium size, but in great numbers. **UNIFORM PRICE**—Plants each 55c. One plant each of the five for \$2.50.

**BOOK—GERANIUMS**, Wilson. All about the varied *Pelargoniums* and "*Geraniums*" of window, greenhouse and garden. New. *Illustrated*. \$3.00.



\* **GILIA ANNUAL MIXED**—ex(3)20. Easy, interestingly varied Annuals in pink, blue, lavender, white. Try this for happy surprise. Pkt. 10c;  $\frac{1}{8}$  oz. 30c.

**1 GLAUCIUM PEERLESS HYBRIDS**—\*ecbx(2-3)30. Delightful perennials, treasured for the exquisite, silk-textured poppy-blossoms in lemon, orange or scarlet, and for the tangles of silver-frosted leafage. The foliage is so attractive that first-year seedlings are often handled as annuals, for edgings. Odd seed pods. Pkt. 15c;  $\frac{1}{16}$  oz. 25c.



### 3 GLORIOSA 4

The Glory Lilies grow with fair ease from seeds sown in spring in open ground beds. In autumn, dig the tubers and store them over winter in sand

and in a cool cellar. Two-year-old tubers will bloom. May be treated either as a summer garden bulb, Gladiolus fashion, or it may be grown as a pot plant. *Illustrated opposite.*

**PLANTI**—Wavy blossoms in those melting tones that lie between gold-orange and rose. Pkt. 25c; 3 pkts. for 70c. Tubers, each \$1.00. **ROTHSCHILDIANA**—Big blossoms in iridescent crimson, sometimes gold-edged or rose-tinted. Pkt. 25c. Tubers, each \$1.00; 3 for \$2.85. **SUPERBA**—Exceedingly showy, vigorous, relatively easy. Blossoms in varied rich combinations of red and gold, petals much crisped. Pkt. 20c;  $\frac{1}{16}$  oz. 40c;  $\frac{1}{8}$  oz. 75c;  $\frac{1}{4}$  oz. \$1.25. Tubers, each \$1.00. **OFFER 101A9**—One pkt. each of the three kinds for 60c. **OFFER 102AN9**—One tuber each of the three kinds for \$2.85.

### 3 THE GLADIOLUS GARDEN

For gay orchid-like blossoms, brilliant hues, delicate blendings of color tone, the Gladiolus is beyond compare. And, of course there is no better flower for cutting. We offer fine, blooming-size bulbs of named sorts. **ALBATROS**—Splendid pure white. **BAGDAD**—Smoky old rose, marked cream. **BUCKEYE BRONZE**—Coppery bronze with orange flush. **CORONA**—Creamy white, edged rosy pink. **DR. BENNETT**—Glorious fire scarlet. **GLORIANA**—Beautiful golden salmon. **GOLDEN DREAM**—Fine, tall yellow. **LAVENDER RUFFLES**—Ruffled lavender pink. **MARGARET FULTON**—Early salmon rose. **MINUET**—Clear lavender. **PELEGINA**—Velvety blue. **PICARDY**—Waxen apricot pink. **PRIMROSE PRINCESS**—Cream, deepening to primrose. **REWI FALLU**—Big, blood red blossoms. **ROSA VAN LIMA**—Excellent light pink. **SNOW PRINCESS**—As white as its name. **VAGABOND PRINCE**—Bronze garnet with flame spot. **W. H. PHIPPS**—Big salmon pink. **UNIFORM PRICE**—Any of the above, each 15c; 3 of a kind for 30c; 10 of a kind for 90c; 25 of a kind for \$1.90. **OFFER 97AN9**—Three bulbs each of the 18 kinds, with names, for \$4.75; 10 each of the 18, with names, for \$14.00. **OFFER 98AN9**—10 bulbs each of any 10 kinds above, with names, your choice of kinds, for \$7.00.

**BULBS GLADIOLUS PEERLESS BLEND**—Splendid mixture, includes high proportion of above, with others, all bulbs full blooming size. A really fine blend, kept in careful color balance. 10 bulbs for 70c; 25 for \$1.50; 100 for \$5.50; 250 for \$12.75; 500 for \$25.00.

**SEEDS GLADIOLUS PEERLESS BLEND**—k. Saved from fine named sorts, and should produce many interesting and beautiful variations and color combinations. It is from seeds that new varieties come. Pkt. 20c; 3 pkts. for 50c;  $\frac{1}{16}$  oz. 75c.

### 1 THE BRILLIANT GEUMS

Vivid color here, for rock garden or border. ex. **BORISI**—(2-4)9. Flowers like big strawberry blossoms in scarlet-toned orange. Pkt. 20c. Plants, each 45c. **COCCINEUM**—Single flowers in gay, true red. Plants, each 45c. **FIRE OPAL**—(8)18. Double flowers of vivid scarlet, with hint of orange. Plants, each 55c; 3 for \$1.50. **LADY STRATHEDEN**—(2-3)20. An exceedingly bright golden orange, blossoms semi-double. Pkt. 20c; 3 pkts. for 50c. Plants, each 45c; 3 for \$1.20. **MRS. BRADSHAW**—(2-4)24. Large, double flowers of bright scarlet. Long in bloom. Pkt. 20c. Plants, each 45c. **MONTANUM**—(2-3)8. Foliage clumps of green feathering, set with richly shaded golden flowers. Then decorative seed-plumes. Pkt. 20c. Plants, each 45c. **WRIGHT'S BRILLIANT**—(8)8. Dwarf, evergreen sort for the rock garden. Large flowers of glowing orange with tone of scarlet. Plants, each 55c. **OFFER 96A9**—One pkt. each of the four offered in seed form, for 65c. **OFFER 95AN9**—One plant each of the 7 so offered, for \$3.00. **GEUMS FINE MIXED**—Good range of color and form. Pkt. 20c;  $\frac{1}{16}$  oz. 35c.

**1 GILLENIA TRIFOLIATA**—cbstkt(3-4)30. One of the better shady-place perennials, though it does well in sun, too. Graceful showers of loose blossom stars in white to palest blush. It cuts. Pkt. 20c. Plants, each 45c; 3 for \$1.20.

**1 GLOBULARIA CORDIFOLIA**—A pretty mat-plant of high value in the rock garden or alpine lawn. The little, dark green leaves are packed to turf density, and close over them are set the almost stemless flowers, rather like fluffy blue buttons. Pkt. 20c. Plants, each 40c; 3 for \$1.10. **WILKOMMI**—Like last, but taller. 12 inches. Pkt. 15c. Plants, each 40c. **REPENS**—Creeping mat-plant with multitudes of blue globe-flowers just above. Pkt. 20c.

**2 HAWORTHIA FASCIATA**—Small pot plant of considerable attractiveness. Close, succulent rosettes of thick, pointed, dark green leaves, set with rows of white, pearl-like, tubercles. Each 40c; 3 for \$1.10.

### 4 GLOXINIA BEAUTY

A showy pot plant. Deep, wide bells, upfacing, each on its own stem. Colorings rich and varied, sometimes all one tone, or again dot-sprinkled, marbled or splashed with some darker, contrasting shade. Bulbs (tubers) in fine mixture, available February through May at each 40c; 3 for \$1.10; 10 for \$3.30. Potted plants (growing bulbs) ready April through July at each 50c; 3 for \$1.40; 10 for \$4.20.



**GLOXINIA — BUELL'S GIANT HYBRIDS**—A super-strain of giant-flowered Gloxinias, excelling in size of flower, in form and carriage, and in richness, depth and range of the colorings. The finest Gloxinia strain we have yet seen. Seeds in originator's sealed packets at 90c per pkt.; 3 pkts. for \$2.60; 10 pkts. for \$7.50.

**GLOXINIA PEERLESS STRAIN**—A very good strain, large flowers in wide color range. Pkt. 50c; 3 for \$1.35.

**GLOXINIA SCARLET VELVET**—Beautiful scarlet blossoms. Usually true from seed. The Panzer strain. Pkt. 65c.

### 1 GYPSOPHILA PERENNIAL

Valued for misty border effects; or for adding airiness to cut flower arrangements. "x" culture. **MANGINI**—(3)40. Diffuse tangles of rather large white flowers, faintly pink-suffused. Fine for cutting. Pkt. 15c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{4}$  oz. 50c. **OLDHAMIANA**—(4-5)40. Autumn Baby Breath, Continuous bloom, August through October. Little blossoms of white to pink in wide, dense cymes. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. Plants, each 45c; 3 for \$1.20; 10 for \$3.15. **PACIFICA**—(3-4). A dainty airiness of flower in delicate pink suffusions, the sprays high and graceful. Late summer. Pkt. 15c. **PANICULATA**—(2-3)36. Loose, diffuse panicles of little white blossoms. Pkt. 10c;  $\frac{1}{4}$  oz. 30c. **PANICULATA DOUBLE SNOWBALL**—Like last, but will give a considerable proportion of fully doubled flowers like tiny snowballs. Pkt. 25c; 3 for 70c. **REPENS**—(8)9. Low-growing and long in bloom, this is an excellent rock garden perennial or it may be used for bedding. The airy cushions are covered with little blossoms, pearl white or blush-suffused. Pkt. 15c; 3 pkts. for 40c. Plants, each 40c; 3 for \$1.10. **CERASTOIDES**—rx(2-3)4. Rare, delightful creeper with downy foliage and rather large, purple-veined white flowers. Pkt. 25c. **OFFER 103A9**—One pkt. each of above for 75c.

**DOUBLE-FLOWERED GYPSOPHILA PLANTS**—These three have intensely double flowers, and a long blooming season. Much grown for cutting, but they also have high decorative values in rock garden and border. **REPENS BODGERI**—15 inches. Lovely early-flowering white. Low, airy, profusely branching. Plants, each 50c. **ROSY VEIL**—24 inches. Double flowers of soft pink. A delightful form. Plants, each 50c. **BRISTOL FAIRY**—35 inches. Delightfully graceful are the airy panicles, each little blossom of fullest doubleness and purest whiteness. Plants, each 70c.

### \* GYPSOPHILA ANNUAL

Baby Breath, *Gypsophila elegans*, is one of the quicker flowers from seed to bloom. To have always plenty of it for cutting and mixing with other vase flowers, make successive sowings. 35 inches. **LARGE-FLOWERED PURE WHITE**—Fine strain. Pkt. 10c;  $\frac{1}{2}$  oz. 20c; 1 oz. 35c. **PINK AND ROSE**—Pink, through carmine, to near scarlet. Pkt. 10c;  $\frac{1}{2}$  oz. 20c.



**2 GRAPTOPETALUM PARAGUAYENSE**—Mother-of-Pearl Plant. A decorative house plant, the several branches ending in great rosettes of thick, succulent leaves that seem carved from mother-of-pearl, in all its pink-hinting, translucent, silvery glossiness. Plants, each 35c; 3 for \$1.00.

\* **GOMPHRENA** or **GLOBE AMARANTH**—ecbk(3-4)20. Attractive flower-heads in white, pink, rose and crimson. A showy straw-flower. Pkt. 10c;  $\frac{1}{16}$  oz. 20c.

\* **GOMPHRENA RICH ORANGE**—Like last, but flowers larger, and colored rich, burnt orange. Pkt. 15c.

\* **THE ORNAMENTAL GOURDS**—x. Summer vines, quick from seed, fine for covering fences and trellises. Yellow flowers, then ornamental fruits in great diversity of form, size and coloring. The fruits are used for decorative effects, centerpieces and the like. They may be dried for the winter. Fine mixture. Pkt. 10c;  $\frac{1}{2}$  oz. 25c; 1 oz. 40c.

**6 GREVILLEA ROBUSTA**—w. Silk Oak. Effective, decorative pot plant with feathery, silky, fern-like "fronds". Grown for graceful foliage effects. Easier, and more adaptable than any Fern, and will fit same uses. Pkt. 20c.

**3 HABRANTHUS BRACHYANDRUS**—Amaryllis cousin with lovely trumpet flowers of pure, deep pink. May be grown in garden, bulbs being dug in autumn, and winter-stored in sand in cellar. Also grown under glass in pots. Bulbs, each 35c; 3 for \$1.00.

**4 HAEMANTHUS PUNICEUS**—w. Another Amaryllis cousin. Starry flowers of rosy scarlet are carried in dense, globose clusters to 4-inch diameters. Handle as a pot plant. Sow seeds at once upon receipt. Quite large, succulent seeds, 3 for 25c; 14 for \$1.00.

**6 HEBENSTREITIA COMOSA**—eocx(3-5). Grown for fragrance. Slender spikes of closely packed white-and-orange blossoms. The perfume during day is light and delicate, but as evening falls it becomes richer and heavier. Pkt. 20c.

**HEDYCHIUMS MIXED**—ew50. Tall spikes of showy flowers, lemon, gold, rose, crimson or white, always spicily perfumed. Good large pot plant, or may be grown in the garden, winter-storing the roots in Canna fashion. Pkt. 20c.

**HEDYCHIUM CORONARIUM**—Ginger Lily. Heavy spikes of pure white, richly fragrant flowers, to four inches across. 40 to 70 inches of height. May be grown as a large pot plant, or handled in the garden like Canna. Pkt. 20c. Dormant tubers, each 35c; 3 for \$1.00.

**1 HELENium HOOPESI**—cbkt(2)29. In late spring the plants are sheafs of brilliant orange bloom. Showy border perennial. Fine cut flower. Pkt. 15c; 3 pkts. for 40c.

**1 HELENium RIVERTON GEM**—cbk(3)40. Excellent hardy perennial of rich flower effect all through late summer. The blossoms open tawny old gold, quickly becoming Wallflower red. Pkt. 15c; 3 pkts. for 40c. Plants, each 45c; 3 for \$1.20.



**1 HELLEBORUS NIGER**—yt(1)12. The Christmas Rose of story. Exceedingly hardy. Blooms very early, normally in March, but buds may open during any mild period of winter, even in January. The big, shallow blossom-cups are white, though often with soft pink suffusion. Attractive foliage. Long-lived, though a bit slow in starting. *Illustrated opposite.* Pkt. 20c;  $\frac{1}{16}$  oz. 35c;  $\frac{1}{8}$  oz. 60c. Plants, each \$1.25.

**1 HELLEBORUS ORIENTALIS HYBRIDS**—yt(1)16. The Lenten Rose. It blooms in March, beautiful flowers of purple-shaded white, varying to pale tones of violet and claret. Pkt. 20c; 3 pkts. for 70c.

\* **HELICHRYSUM BLEND**—ck(3)35. Strawflower. Perhaps most desirable of the "Everlastings", drying well for winter bouquets, beautiful, too, in the garden, or as a fresh cut flower. Scarlet, canary, rose, salmon, silvery white, soft pink, violet in mixture. Pkt. 10c;  $\frac{1}{4}$  oz. 35c.

## 1 HARDY HELIANTHUS

Here are the perennial Sunflowers. They are good. "x" culture. **ORGYALIS** (*Salicifolius*)—(4)96. A strikingly decorative hardy perennial for accents or backgrounds. The several stems are foot-wide pillars of undulating greenery. In autumn 4-foot panicles of blossoms rise above them, very many little yellow, brown-centered flowers in quarter-dollar size. Pkt. 20c. Plants, divisions, each 50c; 3 for \$1.40. **MOLLIS**—(3)50. Flowers 3-inch, lemon yellow throughout. Leaves ashy, downy, placed in perfoliate effect. Mixed hardy border. Pkt. 20c. Plants, each 45c.

**1 HELIOPSIS PITCHERIANA**—ecbx(3-45). Many single flowers of glossy golden orange, like smaller Sunflowers. Long-lived border perennial. Pkt. 15c; 3 pkts. for 40c.

\* **HELIOTROPE BLEND**—ecx(w)(8)20. Valued alike for fragrance and for beauty. Dwarf, compact plants with wide, dense sprays, mauve to black-violet. May be grown as an Annual in the summer garden, from spring sowing, or it can be sown in late summer and grown as a long-blooming winter pot plant. Pkt. 20c;  $\frac{1}{16}$  oz. 40c.



**2 HEREROA NELI**—An attractive little pot plant, with open rosettes of succulent leaves, in shape between blunt hatchets and elks' horns. Bright, fluffy, golden yellow flowers. *Illustrated opposite.* Plants, each 40c.

**1 HEPATICA**—rstyt(1)7. In early spring come lovely blossoms; lustrous cups in blue, purple, lilac, even buff-tinged pinks. No more charming flower. Pkt. 15c.

## 1 SUN-ROSES

Sun-rose is an old name for **HELIANTHEMUM**, a delightful, low perennial for rock garden, edging or bedding. Foliage mounds are set with silken blossom loveliness in pink, lemon, copper, red, white. Fine blend. Pkt. 15c;  $\frac{1}{16}$  oz. 25c.

**SUNGOLD**—A profusion of single, golden yellow flowers. Showy and particularly hardy. Pkt. 15c. Plants, each 45c; 3 for \$1.20.

**FIREBALL**—Plants loaded for months with fully double flowers of bright scarlet. A long-showy beauty for rock garden, edging, bedding. Plants, each 50c; 3 for \$1.40; 10 for \$4.20.

**LEMONBALL**—Very like the last, but here the well-doubled blossoms are clear lemon yellow. Pkt. 50c; 3 for \$1.40.

**RHODANTHE CARNEUM**—Mounds of silvery, sparkling foliage. Single, salmon pink flowers of large size. Long-blooming and handsome. Plants, each 50c; 3 for \$1.40; 10 for \$4.20.

## 1 BEAUTY BY DAY 3

In free translation **HEMEROCALLIS** might mean Beauty by Day. More often, though, it is called Golden Day Lily, a hardly applicable name now that the colorings extend so gloriously into the rose and maroon range. Winter-hardy and easy, thriving in full sun but tolerating some shade. Seeds saved altogether from fine hybrid strains and named sorts. Rich in red and rose tones, along with bicolors that contrast light and dark in the same flower. And there will be harmonies in lemon, buff, gold, orange and copper, often with ruddy overlays. Easy from seed, "kt" culture. Order as **HEMEROCALLIS PEERLESS HYBRIDS**. Pkt. 25c;  $\frac{1}{4}$  oz. 60c; 1 oz. \$2.00. Plants, good hybrid seedlings and named sorts, supplied in mixture, (not with names), at each 50c; 3 for \$1.40; 10 for \$4.15.

**NAMED DAY LILIES**—Twelve selected kinds of high garden merit. **CHENG TU**—Splendid, large-flowered August bloomer, orange red with carmine star and golden orange throat. Each 80c. **DAWN**—Fine English sort in pleasing rosy buff effect. Each 75c. **BAGDAD**—Flowers in rich blending of coppery red and red-brown. Each 75c. **LUCENT**—Flowers close to pink, but with a tone of orange. Throat golden. Particularly good. New. Each \$2.00. **HYPERION**—Immense flowers in pure lemon yellow, exquisitely fragrant. Blossoms often reach 7-inch diameters. Free blooming. Each 85c. **WINGS**—Striking tall bicolor. Pale lemon with alternate petals stained and marked with fulvous maroon. New. Each \$1.25. **KWAN SO**—Here the flowers are double, and in rich blendings of bronze and coppery tones. Each 60c; 3 for \$1.60. **MARGARET PERRY**—Dusky rose carnation, with bright yellow, long-pointed throat star. A good one. Each 65c; 3 for \$1.75; 10 for \$5.25. **MIKADO**—Great, handsome flowers of richest orange, each petal patched red-mahogany. Fragrant. Each 60c; 3 for \$1.65; 10 for \$5.00. **SERENADE**—Soft coral pink with touch of buff. Each 65c; 3 for \$1.80. **GOLDENI**—The blossoms are of a golden tone so rich and deep that it approaches orange. Fine flowers, petals of heavy texture. Each 55c; 3 for \$1.50. **ROSE-BRIGHT**—Effect of silvery rose with hint of orange. New. Each \$2.00. **OFFER 105AN9**—One plant each of the 12 named Hemerocallis varieties above, for \$10.00. **OFFER 104AN9**—One plant each of Hyperion, Margaret Perry, Mikado, Goldeni, Serenade and Kwanso for \$3.50.

**HEMEROCALLIS FINE MIXED**—Saved from mixed species of Day Lilies. Will show variation in the yellow to orange range, but only rarely will red tones appear. Excellent for mass plantings and landscape effects. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. Plants, 3 for \$1.10; 10 for \$3.10; 25 for \$7.10.



**1 HERACLEUM MANTEGAZZIANUM**—bk(3)100. Spectacular large perennial with lobe-cut leaves to 3 feet, and little flowers of creamy white in wide, close umbels that may be four feet across. From the Caucasus. Pkt. 20c.

**3 HERMODACTYLUS TUBEROSUS**—(2)15. Fingers of Hermes. Strange, tuberous rooted Iris cousin with somewhat campanulate flowers of velvety black, green in reverse. A weird beauty, *illustrated opposite*. Tubers, spring or fall, each 35c; 3 for \$1.00; 10 for \$2.90.



**1 HESPERALOE PARVIFLORA**—k(w)(3)50. Called Red Yucca. Rose to red flowers. Needs sheltered position, and winter protection, when grown outside north. Sometimes handled as large pot or tub plant. Pkt. 15c.

## 1 HEUCHERA or CORAL BELL

**SANGUINEA SPLENDENS**—ecrkt(2-3)20. Deep crimson, varying to scarlet, are the sprays of gracefully carried flowers. Delightful in rock garden or border. It cuts. Pkt. 20c;  $\frac{1}{32}$  oz. 35c;  $\frac{1}{16}$  oz. 60c. Plants, each 55c; 3 for \$1.55; 10 for \$4.85.

**UNDULATA**—erbk(9)30. Foliage as lovely as Galax, undulate, rose-bronze at cool ends of season. Airy racemes of tiny white flower bells suffused with elfin green. Pkt. 20c. Plants, strong divisions. Each 50c; 3 for \$1.40.

**CORAL BELL HYBRIDS**—ecrkt(2-3)25. Lithely graceful sprays. Called Coral Bells, but flowers are likely to be mostly bright red to crimson, with occasional plants in rosy pink to coral. Pkt. 25c; 3 pkts. for 70c. Plants, each 55c; 3 for \$1.55.

**OFFER 106A9**—One pkt. each of the three for 55c.

**1 HEUCHERA ROSAMUNDI**—A dainty, long-blooming variety with airy blossoms in a lacelike profusion, enchanting pink to rosy coral. Plants, each 55c; 3 for \$1.55.

**1 HEUCHERA RAIN OF FIRE**—Brilliant red, truly in effect of showers of fire, are the graceful sways of blossoming. Long-lived; long blooming. Plants, each 60c; 3 for \$1.60.

## 1 HIBISCUS or ROSE MALLOW

Gorgeous color here. There are few more showy perennials. **MILITARIS**—ebk(2-3)50. Campanulate flowers in striate pink, leaves halberd shaped. Splendid for perennial, divider hedge or screen planting. Seeds may be sown right in position. Pkt. 15c;  $\frac{1}{4}$  oz. 30c; 1 oz. \$1.00. **AVALON HYBRIDS**—(3-4)50. New hybrid strain, *Militaris* x *Coccineus*. Different in flower-form, foliage, season, plant habit and blossom colorings. The flowers have hint of bell shape, and vary from palest blush through tones of pink, then rose, culminating in reds of rich vividness. Center eyes are rare, but oddly rotate, unsymmetrical stainings of deeper color often appear. Particularly long blooming season. Pkt. 20c. Plants, mixed, each 50c; 3 for \$1.40; 10 for \$4.00; 25 for \$9.25. **GIANT MALLOW MARVELS**—ebx(3)50. Magnificent flower-bowls, from palest blush through pure pink, to rose, with snowy white and pure crimson. Center eyes often appear. Pkt. 15c. Plants, mixed, each 45c; 3 for \$1.20; 10 for \$3.65. **SYRIACUS**—ebk(4). This is the shrub or small tree commonly called Althea. Flower colorings of white, blush, diverse pinks, rosy red, blue-violet and the like. Pkt. 15c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{4}$  oz. 40c. **MUTABILIS**—bk(3-4)150. Confederate Rose. Handsome Chinese species for the South. They open pale blush, deepening to red by nightfall. Pkt. 20c. **PEDUNCULATUS**—ebx(3-4)50. Attractive South African species with flowers of deep rose color on long slender peduncles. Give protection in cold areas. Pkt. 25c. **OFFER 107A9**—One pkt. each of the above, together with one of *Hibiscus paramutabilis*, for \$1.00.

**1 HIBISCUS PARAMUTABILIS**—Rare shrubby Hibiscus from central China, fully winter-hardy at Old Orchard. Big flower-bowls with silky, somewhat fluted petals, pure white but with dark crimson center. Blossoming continues for months. Great downy leaves, sometimes a foot across. bkt(8)150. Pkt. 20c;  $\frac{1}{16}$  oz. 35c;  $\frac{1}{8}$  oz. 60c;  $\frac{1}{4}$  oz. \$1.00. Plants, each \$1.00.

**1 HIBISCUS AVALON RED**—This splendid hybrid shows perhaps the most brilliant red blossoms of any fully hardy Hibiscus yet introduced. The coloring is richer and deeper than in *H. coccineus*, the flowers fuller, rounder and of better form. A robust grower, reaching to 8 or 10 feet in established plants, many flower-filled stems. Blooming season is long, July, well into October. Foliage of distinctive, digitate form, deep green. Needs no winter protection. Plants, divisions or rooted cuttings, each \$1.50. Will bloom freely first year.

**1 HESPERIS MATRONALIS**—ebnx(3)35. It is Sweet Rocket or Dame's Violet, and it can be very gay in its bright, Phlox-like manner, vivid in the border, or rich color when allowed to naturalize. Scatter it about widely, and all who see it will be glad you have done so. Pkt. 10c;  $\frac{1}{8}$  oz. 20c;  $\frac{1}{4}$  oz. 35c.

**1 HESPERIS NIVEA**—erx(2)10. Dense, branching raceme-spikes of snowy white. Desirable horticulturally, though of uncertain botanic position. Pkt. 15c.

**1 HESPERUYCCA WHIPPLEI**—bdk(3)130. Our Lord's Candle. Massive white-belled spires above blue-green leaf-swords. Beautiful beyond belief. Needs protection. Pkt. 20c.

**1 HIERACIUM BOMBYCINUM**—erx(2)8. A lovely rock plant with rosetted leaves of glistening silveriness, blossoms above wrought in golden artistry. Pkt. 25c.

**1 HIERACIUM VILLOSUM**—erx(2-3)12. Silver-shag. Big golden suns of blossoms over silky, silvery foliage. Pkt. 25c.

**1 HIERACIUM HELDREICHI**—ebx(3)35. A really good perennial for the mixed hardy border. Great, loose, globose panicles of golden flowering. Foliage an attractive blue-green. Pkt. 15c; 3 pkts. for 40c. Plants, each 45c.

**1 HOLLYHOCK PEERLESS DOUBLES**—ebx(2-4)60. We think we have here about as fine and varied blend of Double Hollyhocks as it is possible to produce. Many of the flowers will be five inches across, usually charmingly frilled and fringed. All the oldtime Hollyhock colorings, along with new pastel tones, soft apricots and oranges, others with contrasting blotchings. Pkt. 20c;  $\frac{1}{8}$  oz. 45c;  $\frac{1}{4}$  oz. 80c. Plants, each 40c; 3 for \$1.10; 10 for \$3.30.

**1 HOLLYHOCK FINE SINGLE MIXED**—ebx(2-4)80. The old-fashioned Hollyhock that goes with white houses and picket fences. Many showy colorings. Pkt. 10c;  $\frac{1}{8}$  oz. 20c.

**3 HOMERIA**—\*ek(w). Rather Tigridia-like bulb flowers for gardens or pots. Quite easy. **H. COLLINA**—salmon orange. Pkt. 15c;  $\frac{1}{16}$  oz. 40c. **H. LILACINA**—Lilac, blotched purple. Pkt. 20c.

**HONESTY**—ecx(3)30. *Lunaria*. Purple flowers, followed by pods having translucent partitions that make attractive winter decorations. Sown early, will usually bloom first season. Pkt. 15c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{4}$  oz. 40c.

**1 HOUSTONIA COERULEA**—ernatx(1-3)6. Exquisite little blue stars, myriads of them. Delightful, never more so than, when spread in great azure drifts through the meadows, it reflects April skies. Pkt. 20c; 3 for 50c.

**5 BLUE HYDRANGEA**—We offer the variety **BLUE CHINA**, a reasonably hardy sort for outdoor planting. Will need some winter protection in cold areas. On most soils the big, showy flower-trusses come bright blue. On alkaline soils they come carmine, but can be changed to blue by putting aluminum sulphate in the soil to acidify it. Plants, each 80c; 3 for \$2.25.

\* **HUNNEMANNIA FUMARIAEFOLIA SUNLITE**—ex(3)24. Santa Barbara Poppy. Tulip-shaped blossoms of satiny yellow. Easy and showy. Full sun. Pkt. 15c.

**10 HOVENIA DULCIS**—k 30 ft. Japanese Raisin Tree. Deciduous tree, hardy to Boston, grown both for its ornamental foliage, and for the odd, edible "fruits," supposed to have flavor of raisins. Pkt. 20c.



## 3 CROWN-BEAUTY

*Hymenocallis*, the Crown-beauty, shows many a desirable and lovely form, but most of the species are rather on the tender side and require special cultural conditions. This one, though, **HYMENOCALLIS OCCIDENTALIS**, is of full year-around winter hardiness here, needing no digging. The stems grow to 20 inches, each crowned with an airy cluster of ribbon-draped white chalice blossoms. *Illustrated opposite*. Bulbs, each 25c; 3 for 70c; 10 for \$2.00.

## \* HIBISCUS ANNUAL

**HIBISCUS TRIONUM**—ex(2-4)30. Ivory-toned cup blossoms, with violet patches and golden center tassels. You are pretty sure to like it. Pkt. 10c;  $\frac{1}{8}$  oz. 25c.

**HIBISCUS MANIHOT**—ebk(4-5)90. Golden Bowl. Towering spires of big lemon-yellow bowl-blossoms, blotched purple-maroon. Exceedingly showy. Valued for spectacular accents or backgrounds. May also be used effectively to fill a vacant spot in the mixed hardy border. Pkt. 15c;  $\frac{1}{8}$  oz. 30c.



**1 INULA**—kt. Three fine hardy species, so different that all are needed. **ENSIFOLIA**—(8)9. Close edger or rock garden plant. Dense foliage, set with many-rayed golden daisies, each with yellow, cushion center. Plants, each 50c; 3 for \$1.40. **SALICINA**—(3)25. Armenian Daisy. Thickets of stems, topped with pretty golden daisies. Pkt. 15c;  $\frac{1}{16}$  oz. 25c. Plants, each 40c; 3 for \$1.10; 10 for \$3.30. **MAGNIFICA**—(3-4)70. Spectacular Caucasian beauty. Immense, single flowers with long petals in deepest yellow. Pkt. 20c. Plants, each 60c.

## 1 PLANTAIN LILY (Hosta)

Pleasant, fully hardy perennials with tuberous roots, called Plantain Lily from the wide, decorative leaves. Also known as Funkia. **PLANTAGINEA**—Snowy Day-lily. In late summer come fragrant waxy trumpet-blossoms of purest whiteness, these above formal, packed foliage mounds. Plants, divisions, each 65c; 3 for \$1.80. **COERULEA**—36 inches. Great Blue Day Lily. Wide and handsome bells of bright blue all through the mid-summer season. Decorative border perennial of high merit. Excellent foliage and form. Pkt. 15c;  $\frac{1}{16}$  oz. 25c;  $\frac{1}{2}$  oz. 40c. Plants, each 50c. **LANCIFOLIA**—25 inches. Quickly makes large clumps of formal, packed leafage of considerable ornamental value. In late summer come slender racemes of narrow trumpet flowers in soft lavender. Plants, each 50c; 3 for \$1.40. **MINOR**—10 inches. A pretty little Day Lily for the rock garden. Sprays of white trumpet blossoms. Each 60c; 3 for \$1.65. **SIEBOLDIANA**—rik(2)10. Splendid edger, with its densely packed, overlapping leaves, blue-glaucous to near velvety effect. Close racemes of pale lilac flowers on short stems. Pkt. 20c. Plants, each 40c; 3 for \$1.10; 10 for \$3.25; 25 for \$7.75.

## \* INCARVILLEA ANNUAL

It is **INCARVILLEA VARIABILIS**, a delightful ever-bloomer with lobed trumpets in Gloxinia reminder, carried gracefully in long succession. *Illustrated opposite.* Fern-like foliage. Blossom colorings may be cream, blush pink, soft pure-pink, or blended suffusions of cream into palest rose. Easy to handle. Pkt. 25c; 3 pkts. for 70c; 10 pkts. for \$2.00.



## 1 INCARVILLEA PERENNIAL

**DELAVAYI**—rkt(2-3)20. Called Hardy Gloxinia. Gorgeous carmine to rose-purple, usually buff-dotted at base. One of the most striking perennials. Pkt. 20c;  $\frac{1}{32}$  oz. 40c;  $\frac{1}{16}$  oz. 75c. Plants, each 55c; 3 for \$1.55; 10 for \$4.90.

**GRANDIFLORA BREVIPES**—rkt(2-3)12. Hardy Chinese species with large flowers, rose red to crimson. Pkt. 20c;  $\frac{1}{32}$  oz. 40c;  $\frac{1}{16}$  oz. 75c. Plants, each 60c; 3 for \$1.60.

## 1 GOLD OF HYPERICUM

Here is treasure for the sunny garden, great spreads of silvery foliage, set with golden blossoming. Easy to grow, "x" culture. See **TREASURE CHEST** for other Hypericums.

**OLYMPICUM**—(2-3)12. Fine-leaved, silvery fountains with flowers like gold coins set with yellow center tassels. Delight for rock garden, edging, bed. Fully winter-hardy here. Pkt. 20c;  $\frac{1}{32}$  oz. 35c. Plants, each 50c; 3 for \$1.40.

**FRAGILE**—(3)5. Low, wide mats. Silvery-glaucous foliage and tasselled flowers of pale gold. A pretty species of full hardiness here. Pkt. 25c.

**RHODOPAEUM**—(3)5. Here the foliage is covered with a silvery downiness; spreading draperies of plants, set with large, pale yellow flowers. Full hardiness here. Pkt. 25c.

**POLYPHYLLUM**—(2-3)6. Fine-leaved cascade-mats are set with burnished buds that open to blossoms of polished, golden richness. Needs no winter protection at Old Orchard. Pkt. 20c;  $\frac{1}{32}$  oz. 35c. Plants, each 50c; 3 for \$1.40.

**REPTANS**—(2-3)5. A rock garden beauty. Mats of fine green foliage, with big blossoms of gleaming gold lying closely over, these opening from shining buds of red-mahogany. Hardy at Old Orchard. Pkt. 30c.

**OFFER 109A9**—One pkt. each of the 5 for \$1.00.

**HYPERICUM DWARF BLEND**—The lower kinds, for the rock garden, bedding, etc. Pkt. 20c; 3 pkts. for 50c.

**HYPERICUM TALLER BLEND**—Mixture of taller kinds, 25 to 60 inches, suitable for the mixed hardy border or foundation plantings. Pkt. 15c;  $\frac{1}{8}$  oz. 50c.

## 1 IBERIS or HARDY CANDYTUFT

Low, free-blooming, evergreen perennials for rock garden, edging or bedding. "x" culture. **GIBALTARICA**—15 inches. Flattened clusters of lilac to purple flowers over evergreen foliage. Showy. Give winter protection. Pkt. 15c;  $\frac{1}{8}$  oz. 40c;  $\frac{1}{4}$  oz. 75c. **SEMPERVIRENS**—10 inches. Full winter hardiness. Flowers like snow heaped over evergreen foliage. Pkt. 20c; 3 pkts. for 50c. **SNOWFLAKE**—Like last but more compact and with slightly larger flowers. Plants, each 50c; 3 for \$1.40; 10 for \$4.20. **LITTLE GEM**—Dwarfest, yet most densely upright. Pure white flowers in carpet effect. Plants, each 55c. **AVALON**—7 inches. Wide, overlapping clusters of big, snowy flowers. Foliage of deep emerald coloring, as evergreen as Box. Close, compact grower. Delightful in rock gardens, or as a bedder or an edger. Plants, each 50c; 3 for \$1.40; 10 for \$4.20; 25 for \$9.00.

## 3 GIANT SUMMER HYACINTH

Bells of waxy white in great loose spikes in five-foot heights. Strikingly decorative in the border, particularly when several are planted as a group. Easy to grow and keep. Winter-hardy to Philadelphia. In colder areas, dig and store. It is **GALTONIA CANDIDANS**, formerly considered a Hyacinth. *Illustrated page 27.* Pkt. 15c;  $\frac{1}{8}$  oz. 35c. Bulbs, spring delivery, 3 for 40c; 9 for \$1.00; 25 for \$2.50.

**3 ROCK GARDEN HYACINTHS**—kt. Dainty little alpine or near-alpine true Hyacinths for the rock garden, or for nestling surprise-colonies elsewhere. **AMETHYSTINUS**—(2)9. A delight. Flowers of pale, translucent blue. From Spanish mountains. Pkt. 20c. **AMETHYSTINUS ALBUS**—Even more charming is this snowy white form. Pkt. 20c. **AZUREUS**—(1)7. Blossoms of a brilliant, intensified sky blue come in earliest possible spring. Pkt. 15c;  $\frac{1}{16}$  oz. 35c. **AZUREUS ALBUS**—Like last, but in this form the blossoms are pure white. Pkt. 20c. **CORYMBOSUS**—(1)8. Rare and pretty little South African with pink flowers. Pkt. 20c. **SAWRISCI**—(4)9. Unique autumn-blooming species (the others flower in spring), with many feathery spikes of dainty and pretty mauve-pink. A rare hardy bulb, rather easy from seed. High garden merit. Pkt. 20c; 3 pkts. for 50c. **OFFER 108A9**—One pkt. each of the above for 90c.

## 2 KING'S CROWN

King's Crown is a folk-name for that ever beautiful, and easy, house plant, **JACOBINA CARNEA**. It blooms several times a year, the pure pink blossoms with delightfully curled flower petals being carried in fairly dense, yet graceful and airy, trusses. *Illustrated opposite.* Plants, each 60c; 3 for \$1.50. Also **KING'S CROWN BLEND**—w. Seeds in mixture of Jacobinias, Justicias, etc. Pkt. 25c.



JACOBINIA CARNEA

## 2 IMPATIENS AND THE EAST

For the east window or shady porch, try Impatiens, Sultan's Balsam, a handsome pot plant, in almost continuous bloom. Like Geranium it may also be used for summer bedding. Flowers may be brilliant red, cerise, orange, rose, pink, chamois, salmon, pale mauve, near-purple. Translucent stems. We offer two strains, slightly different, both very good. **HOLSTI HYBRIDS**—Big flowers, fine color range. Pkt. 20c; 3 pkts. for 50c. **SULTANI HYBRIDS**—Exceedingly free blooming. Fine mixture. Pkt. 20c; 3 pkts. for 50c.

**IMPATIENS PLANTS**—We offer good, young plants in mixture only, but when several are ordered we shall make particular effort to see that good assortment of colorings is supplied. Plants, each 40c; 3 for \$1.10; 10 for \$3.30.



# 1 THE IRISES

Growing them from seed is the lowest cost way of getting the delightful species or botanical Irises in quantity. Sow outside in either late autumn, or early enough in spring so that there will be a period of exposure to low soil temperatures. Other fine Iris species are in the TREASURE CHEST LIST. Actual plants of Irises may be put out in spring, summer or autumn with equal certainty of successful start.

**ARENARIA** (Flavissima) — rkt(1-2)8. In early spring bronzed buds open to yellow vividness. *Illustrated above.* Will thrive in sunny rock garden or in any hot, dry position. Plants, each 50c; 3 for \$1.40.



**AUREA**—kt(3)36. Large flowers of purest golden yellow, edges frilled. Pkt. 20c.

**BRACTEATA**—styt(2)15. Pretty little western species with yellow flowers, veined mahogany. Pkt. 20c; 3 pkts. for 50c.

**CHRYSOGRAPHES**—kt(2)27. Rare Chinese species with flowers of rich blue-violet, pencilled toward fall base with irregular golden markings. Pkt. 25c.

**CHRYSOFOR**—kt(2)28. Unusual race of beautiful, though bizarre, hybrid Irises, Chrysographes crossed on Forresti. Colorings range from sulphur and gold to rich bronze, from blue-lavender to purple violet, and often there are oddly contrasting pencillings. 10 seeds for 35c. Plants, each 60c.

**CHRYSOHYLLA**—stkt(2)10. Undulate, orchid-like flowers of creamy primrose with markings in violet sepia. Pkt. 20c.

**CLARKEI**—bkt(2)25. Easy garden species from Himalayan foothills. Flowers in shades of blue to red-purple, sometimes white-patched or netted. Pkt. 20c; 3 pkts. for 50c.



**CRISTATA**—stat(2)8. Exquisite blossoms like crumpled silk of palest blue, gold-patched, and with snowy fringed crest. A delightful low species. *Illustrated opposite.* Plants, each 50c; 3 for \$1.40; 10 for \$4.20. Also can

supply **CRISTATA ALBA**, the lovely white-flowered form, at each 65c.

**DELTA BLEND**—yt. Big blossoms, mostly with horizontal standards. Flowers show clearest of blues, then lavender to purple, red-violet, lilac, cerise, with pink-tawny and rose tones, mahogany, near-reds and fulvous orange. This is a rather wonderful Iris group, quite unlike any other. Though they come from the Mississippi delta, they yet seem to be of fullest winter hardiness in the North. Pkt. 20c. 3 pkts. for 50c; 10 pkts. for \$1.60.

**DELTA HYB. D. K. WILLIAMSON**—This fine Iris is a cross of two Delta species. Blossoms of distinctive form in the very richest of velvety blue-violets. Blooms after the Giant Hybrids. 28 inches. Each 45c; 3 for \$1.20.

**DESERTORUM**—bdkt(2)30. Vigorous "Spuria" with flowers of cream with blue shading, or all softly blue-suffused. Pkt. 15c. Plants, each 40c.

**DICHOTOMA**—\*ecbkt(4)50. Vesper Iris. Great, high sprays of perfumed flowers late July to early September. Most often the blossoms are translucent lavender, but may range from creamy white to violet purple, with markings of mahogany, buff or copper. Quickest and easiest of Irises from seed. Pkt. 15c; 1/8 oz.; 35c; 1/4 oz. 60c. Plants, each 35c; 3 for \$1.10; 10 for \$2.90.

**DOUGLASIANA**—sty(2)18. Undulate blossoms in rare color tones, from creamy flushings, through mauve, lilac, lavender, deep blue and violet. Pkt. 15c; 1/8 oz. 25c. (WHITE VARIETY, saved separately, pkt. 20c.)

**DWARF HYBRIDS**—kt(1-2)10. Flowers are of full "German" Iris size and form, but come earlier, and plants are very much shorter, averaging perhaps 8 inches over all. Yellows, blues, smokies, whites, creams, purple, all are there. Delightful in the rock garden, or as an edging or border. Pkt. 20c; 1/8 oz. 50c. Plants, mixed only, but good color range, 3 for 85c; 10 for \$2.45; 25 for \$5.50.

**ENSATA**—dkt(2)25. Sword Iris. Great fountains of foliage set off the many attractive blossoms that may be lilac, pure white, or lavender with sharp veinings of violet. The most drought-resistant of Irises. Pkt. 15c; 1/8 oz. 40c. Plants, each 45c; 3 for \$1.20; or order as OFFER 114AN9 and we will send one plant each of four named varieties of Ensata, including the rare white, for \$1.50.

**FOLIOSA**—(3)12. Cascades of large, sky blue flowers pour from the foliage. Delightful in rock garden, or none better for the edging of a pool. Plants, each 55c; 3 for \$1.50.

**FORRESTI**—kt(2)25. Called the Yellow Sibirica, but actually it is a rare Chinese species with flowers that vary from tawny primrose to lemon. Pkt. 25c. Plants, each 55c.

**FULVA**—(2)27. Copper Iris. Airy flowers in a tone between new copper and bronze. No other Iris like it. A Delta beauty. Plants, each 45c; 3 for \$1.40; 10 for \$4.20.

**GIANT BEARDED HYBRIDS**—These are the large-flowered, named Irises of our gardens that, once upon a time, were called German Irises. We offer seeds saved from a fine collection, and seedlings should show remarkable range of variable color richness; any shade or tone that has ever been known in Giant Irises may appear among them. Each seedling will be technically a new variety, and some of them should be worth naming and propagating. Pkt. 20c; 1/8 oz. 45c; 1/4 oz. 85c. Plants, fine mixed, 5 for \$1.00; 10 for \$1.90; 25 for \$4.50; 50 for \$8.50.

## GIANT HYBRIDS NAMED SORTS—

We have a rather large collection of the better named sorts of the Giant Hybrid or "German" Irises. Our TREASURE CHEST OFFER, sent on request, gives descriptions and prices. For those who wish to leave the choice of varieties to us (and only really good kinds will be sent), we make the following collection offers. OFFER 117AN9—One plant each of 10 different kinds, with names, for \$2.65. OFFER 118AN9—One division each of 30 separate kinds, each marked with name, for \$7.60. OFFER 119AN9—One each of 50 kinds with the names, for \$12.40. OFFER 121AN9—One each of 114 separate kinds, with their names, for \$32.00. OFFER 122AN9—One plant each of 40 Irises, each one different, and named, but supplied without any names being marked or given, for \$8.00.



**GIGANTICAERULEA**—60 inches. Purest blue. In rich, moist ground the flowers are of quite spectacular size, stems sometimes man-high. Delta section. *Illustrated next page.* Each 55c; 3 for \$1.50; 10 for \$4.50.

**GLADWYN**—styt(2)18. The tawny blue or brown-toned yellow flowers are followed by pods that split to show brilliantly scarlet seeds. Sometimes used in winter bouquets, as the straw-flowers are. Iris foetidissima. Pkt. 15c; 1/8 oz. 30c; 1/4 oz. 60c; 1 oz. \$2.00. Plants, each 50c.

**GRACILEPES**—(2)9. A fairy among Irises, yet gayest of beauties. Blossoms that might be of crinkly, skyblue silk, orange-touched. Of full hardiness for rock garden or other outside planting, yet so dainty and lovely that it is sometimes grown as a pot plant. Plants, each 60c; 3 for \$1.60.

**GRAMINEA**—kt(2)10. The pretty, plum-scented Iris. Bright blossoms with blue falls and red-mauve standards. Low, compact. Pkt. 15c; 1/8 oz. 25c; 1/4 oz. 45c. Plants, each 45c.

**HOKKERIANA**—kt(2)10. Odd little Iris of Kashmir, rather short stems carrying flowers that are netted and mottled dark purple on a lighter ground. Pkt. 20c.

**INNOMINATA**—kt(2)10. Rare and lovely Iris with undulate blossoms that may be soft, golden apricot, or again, rosy lavender. Pkt. 25c.

**LAEVIGATA ALBO-PURPUREA**—Big, white, flattened flowers marked and flaked deep blue, near to purple. A moisture-lover for pool-edges, streamsides. Plants, each 60c.

**LILACINAUREA**—Attractive Iris of the Delta group with flattened flowers of rich lilac, crested golden orange. Each 70c.



**MELLITA**—Delight Iris. Very early, very dwarf. Sometimes blooms again in October. Two forms. VARIETY "A"—Pale creamy yellow with mulberry stains. Each 45c; 3 for \$1.20. VARIETY "B"—Violet, suffused mahogany. Each 45c; 3 for \$1.15; 10 for \$3.40; 25 for \$7.50.



**JAPANESE IRIS PLANTS**—The lovely Orchid Irises of Japan, varieties of **IRIS KAEMPFERI**. Immense flowers in graceful, undulate forms. They come into bloom just as the Giant Bearded Irises are ending. **ALBATROS**—Fine snowy white with golden center. Double. **AMETHYST**—Very large flowers of rosy lavender. **AVALON**—A splendid beauty. Big white flowers with faint azure suffusion, are vividly pencilled deep blue. **ELEANOR PERRY**—Big claret red double with white and blue shadings. **FANTASY**—Large flowers of velvety near-crimson, with violet patch and deep center of yellow. **FLAMINGO**—About as close to pink as one may well come, a rich, rosy pink, white at the center. Double. **IBIS**—Big, double flowers that approach bright red. **KATHLEEN HAVEMEYER**—Particularly large sky blue flowers, becoming mauve at the petal edge. Double. **MARGARET J. HENDRICKSON**—Attractive double, white at the center, shading to blue, and then to violet. **MRS. GEORGE STUMPP**—Immense, double flowers in glowing red-violet. **OLD ORCHARD**—A showy bizarre. Big flowers of red-toned mauve, stippled all over with dots and dashes of white. **PURPLE AND GOLD**—Fine double in rich violet purple, with blue-tinted white rays radiating from a golden throat. **RED CLOUD**—Desirable red double with white zone about yellow center. **TEMPLETON**—Vigorous red-violet double, often showing white marbling. **TRICOLOR**—Mauve-suffused white with violet splashings and yellow center line. Double. **WISTAR FAVORITE**—An odd, shadowy, silvery blue. **UNIFORM PRICE**—Each 60c; 3 of any one kind for \$1.65. **OFFER 123AN9**—One plant of the 16 Japanese Irises, with names, for \$8.60. **OFFER 124AN9**—Six fine separate kinds, with names, but our choice of varieties, for \$3.20. **OFFER 125AN9**—One plant each of ten different kinds, good ones, but supplied without names or labels, for \$4.60.



**KAEMPFERI IMPERIAL**—Splendid blend of Japan Irises. Gorgeous colorings, white, gold-banded, turquoise, azure, purples, crimson, often netted or splashed. Sometimes double. kt(2)36. Pkt. 25c; 3 pkts. for 70c; 10 pkts. for \$2.00.

**MISSOURIENSIS**—kt(2)25. Fine flowers of soft, striate blue, or sometimes of white. An easy, handsome Iris that should be in every garden. Pkt. 15c; 1/8 oz. 35c.

**MONAUREA**—(2-3)36. Many large flowers of pure golden yellow. Hybrid of *I. aurea* and *I. ochroleuca* Monnier. Particularly good. Plants, each 90c.

**OCHROLEUCA GIGANTEA**—cyt(2)60. Includes the Gold-banded Iris. Flowers of large size and splendid lasting qualities. Stems to five feet. Makes big clumps. Blooms just after Giant Bearded are over. Two color forms, snowy white

with yellow splash on falls (*Speciosa*), and soft yellow with golden orange blotch (*Monnier*). These forms appear interchangeably from seed. Unexcelled as cut flowers. Pkt. 20c; 3 pkts. for 55c; 10 pkts. for \$1.65. Plants, **MONNIERI VARIETY**, soft yellow, painted golden orange on falls, each 50c; 3 for \$1.40; 10 for \$4.20. **SPECIOSA VARIETY**, white, splashed golden on falls, each 60c.

**PSEUDACORUS**—kt(2)35. Flowers of rich, burnished yellow. An adaptable species, thriving in usual garden soils, or as a bog plant. Pkt. 15c; 1/8 oz. 35c. Plants, each 40c; 3 for \$1.10; 10 for \$3.30.

**SIBIRIENT HYBRIDS**—A dependable Iris group with varied blossom colorings; white, azure suffusions, light and dark blues, indigo, violet, amethystine tones, tawny shadings. They cut well. Pkt. 15c; 1/8 oz. 30c; 1/4 oz. 50c. Plants, variety **VELVET ROYAL**, deepest purple, each 40c. **DAWN BLUE**, light blue, each 45c. **SNOW QUEEN**, pure white, seeds pkt. 15c; 1/8 oz. 35c. Plants, each 40c; 3 for \$1.10; 10 for \$3.25. **ORCHID LADY**, delicate orchid lavender, each 50c.

**SINTENISI**—kt(2)15. Flowers of deep violet, vividly splashed and lined over white. Pkt. 15c. Plants, each 45c.

**TECTORUM**—The charming Roof Iris. Loose sprays of large, flattened blue flowers, undulate, and with white crests. Plants, each 50c; 3 for \$1.40.

**TECTORUM WHITE**—Big, wavy flowers of diaphanous, snowy whiteness, the blade touched with gold. One of the more beautiful Irises. Plants, each 55c; 3 for \$1.50.

**TENAX**—kt(2)15. Graceful flowers, from white, through mauve and pink-approaches, to claret and purple. Interesting and beautiful. Pkt. 20c; 3 pkts. for 50c.

**TRIPETALA**—A handsome, late-blooming species, coming as the Japanese Irises end. Big, flattened blossoms, with horizontal falls and only vestigial standards. Rich, deep velvet purple. Every garden needs this splendid, distinctive Iris. Plants, each 45c; 3 for \$1.20; 10 for \$3.60.

**VERNA**—(1-2)8. Dainty dwarf Iris of early spring, blossoms of deep blue, gold-marked, and with fragrance of violets. Plants, each 45c; 3 for \$1.20.

**VERSICOLOR**—mtk(2)30. An easy, attractive Iris that does well on either wet or dry soils. Royal blue with creamy markings. Pkt. 15c; 3 pkts. for 40c. Plants, each 40c.

**WILSONI**—kt(2)35. Variable colored species, often tawny buff with darker markings, but again lilac with violet stipplings. Plants, each 45c.

**OFFER 115A9**—One pkt. each of the 25 so offered, for \$4.60.

**OFFER 116AN9**—One plant each of the 32 Irises so offered, for \$14.50. Does not include any of the Dwarf Hybrid, the Giant Hybrid, or the Japanese Irises.

## IRIS AVALON BLEND

Here there is at least a little of every Iris that we have in seed form, of course not in equal amounts, for some kinds are too scarce and rare for that. Nevertheless we doubt that any other Iris blend, anywhere, any time, has equaled this in quality. 1/16 oz. 25c; 1/8 oz. 35c; 1/4 oz. 60c.

## 3 IRID MARVELS 4

Blended seeds of Iridaceae. This description is written before we are sure what kinds will be available, but included are likely to be *Libertia*, *Homeria*, *Synnotia*, *Dierama*, *Hesperanthera*, *Morea*, *Tigridia*, *Geissorhiza*, *Aristea*, *Ixia*, *Cypella*, *Babiana*, *Streptanthus*, *Schizostylis*, *Tritonia*, *Belamcanda*, *Crocus*, *Sparaxis*, *Romulea*, *Freesia*, etc. Best handled in pots. Strange beauties here. Pkt. 20c; 3 for 50c.

\* **ICEPLANT**—ergx 6 inches. Thick, twisting leaves set with drops of crystal gum that sparkle like morning dew in the sun. Edgings, rock garden, pot plant. Tinted flowers. *Cryptanthum crystallinum*. Pkt. 15c.

2 **IRELINE HERBSTI**—Brilliantly colored, easily handled foliage pot plant. The leaves are bright red to rich crimson, with markings of velvety maroon. Also suited to outside summer use in manner of *Geranium*. Each 40c; 3 for \$1.10.

1 **ISATIS GLAUCA**—ebx(2-3)40. Woad. Blue-glaucous foliage, wide flower-canopies above, myriad little blossoms in bright yellow. Then come decorative, long hanging seeds. Pkt. 15c; 1/8 oz. 30c.

3 **ISMENE CALATHINA**—The Giant Peruvian Daffodil, botanically *Hymenocallis*. Immense chalice-flowers that seem of snowy wax, each cup decorated with streamer-petals of the same pure whiteness. *Illustrated page 1*. A splendid summer-flowering bulb, easy to grow and easy to store. Handle in winter as *Gladiolus*. Each 35c; 3 for \$1.00; 10 for \$2.75.

2 **ISOLOMA HIRSUTUM**—w. Showy Gesneriad with scarlet flowers and downy leaves. For pot culture. Pkt. 30c.

4 **IXIA BLEND**—eck(w)(1)20. Pretty blossoms of pink, rose, crimson, lilac, orange or cream. Usually handled as a winter pot bulb, but by mulching, heavily with straw or leaves, may often be wintered outside. Pkt. 15c; 1/16 oz. 35c.

3 **IXIOLIRION MONTANUM**—rkt(1-2)16. Winter-hardy cousin of *Amaryllis* with clusters of star-spread trumpets in amethystine blue. *Illustrated page 1*. Pkt. 20c.

**DECORATIVE IVY**—The first two are small-leaved strains of the English Ivy, *Hedera helix*, and are hardy enough for the rock garden, though mostly grown indoors. **SELF-BRANCHING IVY**—Excellent pot plant, small-leaved, graceful, non-rampant. Compact, somewhat decumbent habit. Each 40c; 3 for \$1.10. **HEART IVY**—In this new window or trailing Ivy the leaves are distinctly heart-shaped, not lobed. A delightful strain. Each 50c. **GRAPE IVY**—*Cissus rhombifolia*. Glossy, dark green leaves. Fine, trailing vine, for pot culture only. Each 40c; 3 for \$1.10. **OFFER 126AN9**—One plant each of the three for \$1.20.

7 **THE BALTIC IVY**—A strain of the English Ivy, *Hedera helix*, that is winter-hardy well north, even in rather cold, exposed places. Graceful evergreen climber, or ground cover. Plants, each 50c; 3 for \$1.40.



1 **JASIONE PERENNIS**—erbx(2-4)14. A *Campanula* relative with rather large "blossoms" in *Scabiosa* reminder, but each is really a tightly packed, upfacing cluster of tiny, skyblue bells. The flowers appear over a long season. Try it with *Dianthus Knappi* for pleasant contrast. Pkt. 20c;  $\frac{1}{4}$  oz. 50c. Plants, each 45c.

## 2 KALANCHOE

Pleasant, easy plants for pot culture, all of them decorative in foliage, most of them also with attractive flowers. So different are they, one from another, that it is difficult to believe they are all *Kalanchoes*. **BLOSSFELDIANA**—Brilliant scarlet flower clusters over succulent, shining leaves. Pkt. 25c. Plants, each 45c; 3 for \$1.25. **FEDTSCHENKOI**—Madagascar Beauty. Thick, blue-silvery leaves with red-toned margins. Pendulous flower-bells of rose, with coral and amber shadings. Plants, each 40c; 3 for \$1.10. **SOMALIENSIS**



—Thick, soft green leaves, becoming rosy at the margins. Flowers white. Plants, each 40c; 3 for \$1.10. **TOMENTOSA**—Panda Plant. Thick wide leaves are covered with a gray-tawny downiness. About the edge of each is set a series of contrasting brown spots. An interesting and decorative plant. Plants, each 50c; 3 for \$1.40. **VERTICILLATA**—Slender pencils of leaves, marbled chocolate on pale roseate olive, are carried in serried whorls on tall stems that become crowned with circlets of bell-blossoms in shades from pink-toned orange to orange scarlet. *Illustrated opposite*. Plants, each 40c; 3 for \$1.10. **MARMORATA**—The leaves are thick, scalloped ovals, smoothly gray-green, with contrasting marblings of brown-purple. The long-tubed flowers, carried in clusters, are of waxen whiteness, expanding into four-pointed

stars. Plants, each 40c. **OFFER 127AN9**—One plant each of the six for \$2.20.

**BOOK—GARDENING IN THE SHADE**, Morse. How to do it. Detailed list of some 500 shade-tolerant kinds. Illustrated. \$5.00.

1 **KITAIBELIA VITIFOLIA**—erbx(3)72. Tall leafy pillars with big white flowers. Pkt. 15c;  $\frac{1}{16}$  oz. 25c.

2 **KLEINIA**—Ornamental foliage plants for pot culture. **MANDRALISCAE**—Silvery blue are the long, fat pencils of leaves. A really good foliage plant of distinctive appearance. Plants, each 45c. **ARTICULATA**—Candle Plant. The stems are like short pieces of a pale green candle, set end to end. Polished green leaves and little white tassel-flowers set with golden anthers. Plants, each 40c.

1 **KNAUTIA DRYMEIA**—\*erbx(8)40. Big "Scabiosa" blossoms in mauve-pink to lavender and near-violet, with sometimes a white. Flowers first year. Full hardiness. Everblooming. Pkt. 15c;  $\frac{1}{16}$  oz. 25c.

9 **KOELREUTERIA PANICULATA**—jyt 20 ft. Golden Rain Tree. Enormous panicles of bright yellow for several late summer weeks. Full hardiness. Pkt. 15c;  $\frac{1}{4}$  oz. 40c.

5 **KOLKWITZIA AMABILIS**—yt(2)75. Beauty Bush. Hardy Chinese shrub with corymbs of exquisitely beautiful pink bells, each with yellow throat. Pkt. 20c; 3 for 50c.

4 **LACHENALIA**—w. This likeable winter-flowering bulb for pot culture is fairly easy from seed; easy, too, to bring to bloom in window or greenhouse. The flowers, usually narrow, pendulous bells, are carried in loose spikes. Bright colorings along with pastel tones, primrose to orange, pink to crimson, with cream, opaline blue, and approaches to violet. *Illustrated*. Fine mixture. Pkt. 20c; 3 pkts. for 70c.



LACHENALIA

2 **LAMPRANTHUS EMARGINATUS**—Pretty half-trailer for hanging basket, porch box or pot culture. Thick, triangular leaves of soft cool green. Rather showy flowers of brilliant rose. Plants, each 40c; 3 for \$1.10.

9 **LARIX LEPTOLEPIS**—jk 80 ft. JAPANESE LARCH. A splendid tree, ornamental, easy to start, quick growing, long enduring. A deciduous conifer, in spring needles of soft new-green, then blue-green in summer, and in autumn becoming golden. Handsome lawn tree. Pkt. 20c;  $\frac{1}{8}$  oz. 50c.

1 **LATHYRUS LATIFOLIUS MIXED**—eck(2-3)96. Big clusters of "Sweet Pea" flowers in white, and shades of pink and rose, to rosy red. It cuts. Winter-hardy vine for trellis, fence, bank cover. Pkt. 15c;  $\frac{1}{4}$  oz. 35c; 1 oz. \$1.25.

1 **LATHYRUS WHITE PEARL**—Big, pure white clusters. Desirable for cutting. Pkt. 15c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{4}$  oz. 45c.

1 **LAVATERA CACHEMIRIANA**—erbx(3-4)50. A hardy, perennial *Lavatera*, with big blossoms of purest pink. Pkt. 15c.

1 **LAVANDULA VERA**—erbx(2-3)16. True Lavender, Compact plants with attractive gray, aromatic foliage. Very many spikes of pretty and fragrant lavender flowers. Desirable hardy perennial, rock garden, herb garden, edgings. Pkt. 15c;  $\frac{1}{16}$  oz. 25c. Plants, each 50c; 3 for \$1.40.

1 **LAVANDULA VERA ROSEA**—Blossoms of soft, rosy pink, otherwise like last. Pkt. 20c; 3 pkts. for 50c. Plants, each 55c; 3 for \$1.50.

## 9 THE SUMMER WISTERIA

A quick-growing, fully hardy, woody vine that bears in summer quite large clusters of blue-lavender to rich purple flowers, blooming over a period of some two months. A showy vine, desirable for porch or arbor. Sometimes used for ground cover also. It is now considered a true *Wisteria*, classified as *Wisteria frutescens*, though it is more often offered in the obsolete name of *KRAUHNIA FRUTESCENS*. Culture yt. Pkt. 20c;  $\frac{1}{4}$  oz. 50c. Plants, each 70c; 3 for \$2.00.

## \* LARKSPUR GIANT IMPERIAL

The Imperial Strain of this beautiful and desirable annual flower gives upright stems to 40 inches, spikes tightly packed with big double flowers in clear azure, coral, rich indigo, carmine, soft lavender, snowy white, glowing salmon. Splendid for cutting. Pkt. 15c;  $\frac{1}{8}$  oz. 35c;  $\frac{1}{4}$  oz. 60c.

**LARKSPUR EARLY GIANT HYACINTH**—It blooms considerably earlier than the Imperial strain, and there are no branches, just one great, tapering, Hyacinth-like spike of solid bloom, each individual flower fully double. Full color range. 40 inches. Pkt. 15c;  $\frac{1}{8}$  oz. 35c;  $\frac{1}{4}$  oz. 60c.

## 2 SHOWY LANTANA

Fine window pot plants for near-continuous blossoming, used, too, in window box or for summer outdoor bedding. Varied tones of yellow, orange and near-scarlet, with rose pink and lilac. ew(8)16. **LANTANA MIXED DWARF HYBRIDS**, seed, pkt. 15c;  $\frac{1}{8}$  oz. 25c.

**LANTANA PLANTS**—Showy sun-lovers that will give bright flowers both winter and summer when grown as window pot plants. Valued also for porch box or in the summer garden. *Illustrated opposite*. **RADIATION**—Golden bronze to richest red-orange. Plants, each 40c; 3 for \$1.10. **WHITE**—Wide, white clusters. Plants, each 40c; 3 for \$1.10. **LILAC PINK**—Clusters of bright pink-lilac, usually with center florets creamy yellow. Plants, each 40c; 3 for \$1.10. **GOLDEN KING**—All brightest golden yellow. Showy. Plants, each 40c; 3 for \$1.10. **OFFER 128AN9**—One plant each of the four for \$1.45.



## 1 THE DELIGHTFUL LEWISIAS 3

No more beautiful rock garden plants than the *Lewisias* when in fully glory of exquisite bloom. The blossoms are like little feathery Water Lilies. Of full winter hardiness. "kt" culture. **FINCHI**—(2)8. Buds of bright orange open to large pink blossoms with rose stripes, petals with faint hint of orange toward the edges. Plants, each 55c; 3 for \$1.50. **HOWELLI**—(2)8. Here the fairly large blossoms vary from creamy blush, often with apricot suffusions, through pink, to rose. Evergreen foliage, crisped and undulate at the edges. Plants, each 55c; 3 for \$1.50. **REDIVIVA**—(2)6. Blossoms are rather larger than those of the others here, feathery flower-cups of pearl pink, several open at once. Deciduous, the foliage disappearing after flowering, remaining dormant during the summer months, new growth, starting in autumn. Pkt. 25c;  $\frac{1}{32}$  oz. 40c. **LEWISIA BLEND**—A mixture of seeds from desirable species, including both evergreen and deciduous. Pkt. 25c; 3 pkts. for 70c.



**1 TRUE EDELWEISS** (*Leontopodium alpinum*)—rkt(2)6. Slender, downy foliage, Silvery white, star-shaped "flowers." A good, and somewhat unusual, perennial for any sunny, well-drained spot in the rock garden. Pkt. 20c; 3 pkts. for 50c. Plants, each 45c; 3 for \$1.20.

**1 LEPACHYS MAROON AND GOLD**—\*ebx(3)36. Exceedingly attractive but odd flowers, silk-sheened columns guarded by reflexed petal-rays of gold-edged maroon. Pkt. 20c. Plants, each 45c; 3 for \$1.20.

\* **LEPTOSIPHON DWARF MIXED**—erx(8)7. Jewel-flower. Multitudes of little sparkling stars in clear, pink, rose, white, lemon, lilac. Heathery mounds. Pkt. 15c;  $\frac{1}{16}$  oz. 25c.

**1 LESPEDEZA THUNBERGI**—bkt(4-5)100. North, a late-blooming perennial, loose racemes of ruddy violet pea-flowers. Blooms first year from early-sown seeds. In milder climates becomes a shrub. Pkt. 15c;  $\frac{1}{4}$  oz. 30c. Plants, each 55c.

**4 LEUCOCORYNE IXIODES ODORATA**—ock(w)(7)18. The Chilean Glory of the Sun, a handsome, winter-flowering bulb with large and starry soft blue blossoms with rich fragrance. Seedlings grow rapidly. *Illustrated opposite*. Pkt. 20c; 3 pkts. for 55c; 10 pkts. for \$1.65.



## 5 SHOWY FRENCH LILACS

Great trusses of fragrant blossoms in white, pink, rose, blue, violet, purple, crimson, single to most intense doubleness. Lilacs (*Syringas*) are easy from seed sown outside in latest autumn or earliest spring often giving bloom by third year. Pkt. 15c;  $\frac{1}{16}$  oz. 25c;  $\frac{1}{8}$  oz. 40c;  $\frac{1}{4}$  oz. 75c.

## 1 LIATRIS (Blazing Star)

Unexcelled for cutting, or for summer garden decoration. "kt" culture. **ELEGANS**—(3)28. A beautiful garden sort. Large and starry "blossoms", pure lavender and often with white centers. The long, curved stamens give airy effect. Pkt. 20c;  $\frac{1}{16}$  oz. 35c. Plants, each 55c. **SPICATA**—(3)50. Long, dense columns of fluffy purple. Showy in garden or when cut. Pkt. 15c;  $\frac{1}{8}$  oz. 50c. Plants, each 45c; 3 for \$1.30; 10 for \$3.65. **SCARIOSA AVALON**—(4)50. Blazing feather-torches of great tassel-blossoms in pulsating purple-violet. *Illustrated back cover*. Pkt. 20c;  $\frac{1}{16}$  oz. 35c. Plants, each 45c; 3 for \$1.20. **SCARIOSA PURE WHITE**—Perhaps most beautiful *Liatris*. Big, lace-edged blossoms of purest swansdown whiteness. Pkt. 20c;  $\frac{1}{8}$  oz. 50c. Plants, each 45c; 3 for \$1.20. **PYCNOSTACHIA**—(4)60. Robust species with stems that are packed pillars of plumose blossoming. Exceedingly showy. Pkt. 20c;  $\frac{1}{16}$  oz. 35c. Plants each 45c; 3 for \$1.20. **PYCNOSTACHIA ALBA**—The last in fluffy white. Small, blooming size plants, each 45c. **OFFER 129A9**—One pkt. each of above as so listed, for 70c. **LIATRIS BLEND**—The above, with perhaps others. Pkt. 15c;  $\frac{1}{16}$  oz. 30c;  $\frac{1}{8}$  oz. 50c.

## \* LION'S TAIL 2

It is *LEONOTIS LEONURUS*, and folk-name for it in its South African homeland is The Lion's Tail. In the North *Leonotis* may be grown as an annual by starting early under glass, giving many weeks of flaming color through the autumn season. The flowers are carried whorl above whorl about each of the many stems in manner shown by *Illustration opposite*, and there could scarcely be a more vivid red-toned orange. A long-lasting cut flower and bushy house plant, or it will give spectacular effects in the garden. cbk(w) (5-7)50. Pkt. 25c. Plants, each 50c.



## 1 LIMONIUM (Statice)

Called Sea-Lavender. Perennials that will add beauty to the mixed hardy planting. They cut. May be dried for winter bouquets—"kt". **LATIFOLIUM**—(3)25. Wide, graceful sprays of little lavender flowers. Pkt. 15c;  $\frac{1}{16}$  oz. 25c. **SPECIOSUM**—(3)30. Spreading, blue airiness over decorative rosettes. Pkt. 20c. **MACROPHYLLUM VIOLACEUM**—(4)36. Largest flowers and deepest coloring, a rich blue violet, but will need some winter protection in cold areas. Pkt. 25c.

**6 LEUCADENDRON ARGENTEUM**—w. Silver-tree. Highly decorative. Densely foliaged, each leaf a shimmer of silky silver. North, usually grown as a tub plant. 7 seeds. 25c.

**1 LILY OF THE VALLEY**—Lovely, perfumed, single bells of snowy daintiness, in graceful sprays. Shade-tolerant perennial for rock garden, bedding, under-tree colonies. *Convallaria majalis*, *Illustrated opposite*. Plants supplied as good, individual pips, (not clumps), for outside planting only. 10 for \$1.00; 25 for \$2.25; 100 for \$8.00. Seeds, pkt. 15c;  $\frac{1}{8}$  oz. 50c.



## THE DAINTY LINARIAS

Exquisite blossoms like fairy Snapdragons. Many of the *Linarias* are perennial, but all of them bloom quite quickly first year and are best treated, and so marked below, as easy annuals. Several of the others are enduring perennials, and so marked. Easy from seed. **1\* ALPINA HYBRIDS**—6 inches. Typically rich purple, touched orange, but varies to cream, orange, chestnut, roseash and the like, often contrastingly marked. Usually winters, but may be easily grown as a quick annual. Pkt. 20c. **2 CYMBALARIA**—4 inches. Kenilworth Ivy. Pretty creeper with lilac flowers, touched yellow. Good pot or porch box plant. Pkt. 15c. **\* MAROCCANA EXCELSIOR MIXED**—12 inches. Spikes of dainty little Snapdragons in white, crimson-and-gold, lavender, chamomile, blue-violet and rose. Pkt. 10c;  $\frac{1}{8}$  oz. 25c. **1 PURPUREA**—25 inches. Many high branchings, filled with little flowers of richest purple. Hardy perennial. Pkt. 20c. **1 LINARIA CANON J. WENT**. Like last in every way, habit, height and hardness, but here the blossoms are all in purest pink. Pkt. 25c. **\*RETICULATA CRIMSON AND GOLD**—10 inches. Massed little dragon-flowers in rich crimson and gold effects. Pkt. 15c;  $\frac{1}{8}$  oz. 25c. **OFFER 133A9**—One pkt. each of above for 90c.

**LINARIA TRIORNITHOPHORA**—Three-Birds-of-Portugal. 25 inches. Diffuse, blue-foliaged plants with big blossoms like long-spurred Snapdragons, rich purple with orange lip. Flowers are carried in threes, tier above tier, and look like little birds a-perching. Pretty much ever-blooming, right through the year. Usually grown as a pot plant, particularly good in sun porch collections. Also will winter outside at Philadelphia, if well-protected. Quick grower and bloomer. Pot-grown plants, cut back for shipping, each 40c; 3 for \$1.10.

## 1 LILY TURF

It is *LIRIOPE SPICATA*, winter-hardy Chinese perennial, *illustrated opposite*. Over fountains of ribbon leaves come spikes of little blue flowers, then berries of polished black that hold until April; decorative most of the year. 10 inches. Sun or light shade. Rock garden, edging, ground cover. It spreads slowly until a space is filled with springy leafiness. Pkt. 15c;  $\frac{1}{8}$  oz. 35c;  $\frac{1}{4}$  oz. 60c; 1 oz. \$2.00. Plants, each 40c; 3 for \$1.05; 10 for \$3.00; 25 for \$7.00; 100 for \$26.00.



## 1 LINUM, BLUE and YELLOW

Perennials of much showiness and great ease of handling. Often blooms first year. **AUSTRIACUM**—(2)20. Arching canopies of shining blossoms in brightest of Gentian-blues. A beauty. Pkt. 15c;  $\frac{1}{16}$  oz. 25c. Plants each 45c; 3 for \$1.20; 10 for \$3.60. **FLAVUM**—(2-4)16. Loose, wide clusters of showy, golden yellow flowers. In cold, exposed positions give winter protection of straw or leaves. A fine species. Pkt. 15c;  $\frac{1}{16}$  oz. 25c;  $\frac{1}{8}$  oz. 40c;  $\frac{1}{4}$  oz. 75c. Plants each 45c; 3 for \$1.20; 10 for \$3.60. **FLAVUM COMPACTUM**—Like last, but dwarf and more compact, so better for edging or the smaller rock garden. Pkt. 20c. **LEWISI**—(2-3)35. Great, arching spreads of vivid, satiny blue. Rather like *Perenne*, but bigger, more robust. Pkt. 20c. **RIGIDUM**—(3-4)20. Upright perennial with bright yellow flowers. Pkt. 20c. **PERENNE BLUE**—\*(2)25. Silky blue flowers in prodigal abundance. Fully hardy, long showy. Will give some bloom the year seed is sown. Pkt. 10c;  $\frac{1}{8}$  oz. 20c;  $\frac{1}{4}$  oz. 35c; 1 oz. \$1.10. **PERENNE WHITE**—\*(2)25. Here the blossoms are mostly snowy white, but sometimes seedlings show faint blue suffusions, or white flowers with blue stripes or pencillings. Pkt. 15c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{4}$  oz. 50c. **OFFER 134A9**—One pkt. each of above for 95c.



### 3 LILIES FROM SEED

Lilies are fairly easy from seed. At Old Orchard we have so produced them by the thousands. Just follow directions on cultural circular that comes with the seeds, sowing, of course, at seasons indicated by key letters after the catalog listings. Explanation of key letters on catalog page one.

**AURATUM**—cbyt(3-4)60. The Great Gold-banded Lily. Big flowers with wide, white petals, each petal centered with a golden stripe. Sometimes lightly dotted or banded with crimson. When grown from seed, this splendid Lily is usually quite long-lived. Pkt. 20c;  $\frac{1}{16}$  oz. 40c;  $\frac{1}{8}$  oz. 75c.

**AURATUM EXTRA HARDY**—Selected from a strain found growing in the extreme north of Japan, this stock is claimed to show high resistance to winter damage in cold climates. New growth starts later in the spring, yet blossoming begins about two weeks earlier than with the regular Auratum. Also the plants are somewhat shorter, though the flowers are large. Offered subject to arrival. Pkt. 50c.

**CALLOSUM**—ekt(3)38. Spires of pretty apricot-cinnabar flowers of medium size. Pkt. 20c.

**CANADENSE**—yt(3)50. Wide blossom bells that vary pleasantly in tones of lemon, orange, red. Pkt. 20c.

**CATESBAEI**—stzyt(2-3)25. Vivid, upfacing flowers of scarlet, with yellow at base. Pkt. 25c.

**CENTIFOLIUM**—ekt(3)50. A magnificent white trumpet lily with creamy and rosy tintings. *L. leucanthemum chloraster*. Pkt. 25c;  $\frac{1}{16}$  oz. 75c.

**COLUMBIANUM**—yt(2-3)50. An adaptable species with showy flowers in flaming orange, faintly purple-dotted. Pkt. 20c;  $\frac{1}{16}$  oz. 35c;  $\frac{1}{8}$  oz. 60c;  $\frac{1}{4}$  oz. \$1.00.

**CONCOLOR**—ekt(2)28. The vividly colorful, cheerful, Red Star Lily. Upfacing flowers of brilliant vermilion. None easier; none gayer. Sometimes blooms first year from seed. Pkt. 20c;  $\frac{1}{16}$  oz. 40c;  $\frac{1}{8}$  oz. 75c.

**CROCEUM**—cbyt(2)35. The Orange Lily. A gay lily, with upfacing chalice-flowers of radiant, glowing orange. Pkt. 20c;  $\frac{1}{16}$  oz. 35c.

**DAVURICUM**—ekt(2-3)26. Candlestick Lily. Upfacing blossoms from soft yellow, through buff-apricot, tawny orange, and scarlet, to near-maroon. Pkt. 25c; 3 pkts. for 70c.

**FORMOSANUM**—ekt(3)50. Wilson's Variety. An exceedingly easy, and altogether lovely Lily that will often give some bloom first year from seed. Hardy in Maine. The long trumpets may be of purest snowy white or again white with delightful rosy suffusions. *Illustrated page 27*. Pkt. 20c;  $\frac{1}{16}$  oz. 30c;  $\frac{1}{8}$  oz. 50c;  $\frac{1}{4}$  oz. 85c; 1 oz. \$3.00.

**FORMOSANUM PRICE'S VARIETY**—k(3)25. Alpine race, blooming about two months earlier than the regular Formosanum. Pkt. 35c.

**FORMOSANUM INTERMEDIATE**—In both season and height it comes between the Price and the Wilson strains, intermediate in both respects. The three give a long continuous season. Pkt. 20c;  $\frac{1}{16}$  oz. 35c;  $\frac{1}{8}$  oz. 60c;  $\frac{1}{4}$  oz. \$1.00.

**FORMOSANUM WHITE SELECTION**—ecbk(3)40. Selected to give trumpet flowers of purest whiteness, without suffusion of other color. At the same time selection has been made of form and size, in the endeavour to build a uniform strain of highest value for cutting. Comes pretty true, but always a few seedlings will revert to regular type. Pkt. 20c;  $\frac{1}{16}$  oz. 35c;  $\frac{1}{8}$  oz. 60c;  $\frac{1}{4}$  oz. \$1.00; 1 oz. \$3.50.

**FORMOLONGO**—Fine hybrid Lily, cross of Formosanum and Longiflorum. Flowers are pure white within and without, running up to 7 inches long and 9 across. A vigorous, hardy strain, highly resistant to mosaic, and a splendid cut flower. Has been bloomed within 8 months after sowing. Offered subject to arrival. Pkt. 60c.

**GIGANTEUM**—yt(3)120. The noble Himalayan Lily. Lofty spikes of down-hanging white trumpets above great, glossy heart-shaped leaves. Showy. Needs light shade and mulching. Pkt. 20c;  $\frac{1}{16}$  oz. 40c;  $\frac{1}{8}$  oz. 70c.

**GOLDEN GLEAM**—ekt(2)36. An altogether easy and lovely Lily, likely a color form of Tenuifolium. Many recurved blossoms in rich honey-amber. An occasional seedling may throw red flowers. Pkt. 20c;  $\frac{1}{16}$  oz. 40c.

**HANSONI HYBRIDS**—yt(3)60. Hanson crossed with Martagon. Colorings range from rich cream, through apricot, buff and orange, to purple. Rare beauties have come from this. Strain has been offered also under names New Hybrids, Backhouse Hybrids and Martagon Hybrids. Pkt. 25c; 3 pkts. for 70c; 10 pkts. for \$2.00.

**HENRYI**—kt(3-4)50. In late summer the arching stems of this graceful Lily carry wax-petaled blossoms of deepest golden amber. Fine species for the mixed herbaceous border. Tolerant of shade or sun. Pkt. 20c;  $\frac{1}{16}$  oz. 40c.

**HENRYI HYBRIDS**—This strain likely carries some blood of *L. myriophyllum superbum*. Flowers average close to Henryi, but sometimes vary into buttercup yellow, or show buff and creamy tones. Pkt. 25c; 3 pkts. for 70c.

**HUMBOLDTI**—yt(3)60. Lily of spectacular showiness, big orange blossoms set over with purple dots. Pkt. 20c.

**HOWELLI** (Bolanderi)—kt(3)36. The several flowers are nodding bells of rose to crimson, dotted with purple. One of the lovelier, but also one of the more difficult, lilies. Pkt. 30c.

**HYBRIDUM BOLDI-PARD**—A cross of Humboldt and Pardalinum that should give rich color forms. Pkt. 35c.

**HYBRIDUM TIGRINUM**—Davuricum x Tigrinum, recrossed on Tigrinum. Interesting variations here. Pkt. 35c.

**JAPONICUM**—cbkt(w)(2-3)30. Sweetly scented trumpet-flowers in shades of pink, from blush to rosy carmine. Usually grown in pots, but it is hardy outside in well-drained soils if given winter mulching. Seeds offered subject to arrival. Pkt. 25c; 3 pkts. for 70c; 10 pkts. for \$2.00.

**KELLOGGI**—y(3)48. The Clematis-scented flowers, open pale pink, deepening to lilac. Not one of the easier Lilies, but assuredly one of the more beautiful. Pkt. 25c; 3 for 70c.

**KESSELRINGIANUM**—yt(3)36. Rare hardy Lily from the eastern Caucasus. Large, waxy, fragrant flowers of rich cream color. Does best in heavy soil in open shade. Pkt. 35c.

**LONGIFLORUM TAKESIMA**—kt(2-3)30. True Easter Lily. Great trumpets of purest waxen whiteness, sweetly fragrant. May be grown in pots, as florists have it for Easter, but also does well in the garden at Philadelphia, and has wintered for years in Maine. In cold areas, winter-mulch your plantings. Seedlings sometimes bloom first year. Pkt. 25c; 3 pkts. for 70c; 10 pkts. for \$2.00.

**MARTAGON**—kt(2-3)60. Reflexed, waxy flowers of rosy purple, dotted black violet, are carried in high racemes. Pkt. 20c;  $\frac{1}{16}$  oz. 35c;  $\frac{1}{8}$  oz. 60c;  $\frac{1}{4}$  oz. \$1.00.

**MARTAGON ALBUM**—Here the piled blossom pyramids are snowy white. An exquisite beauty. Pkt. 25c;  $\frac{1}{16}$  oz. 40c.

**MAXIMOWICZI**—ekt(3)65. A superb species of latter summer weeks with reflexed blossoms of salmon red, black dotted. Follows Davidi in season. Easy from seed. Pkt. 20c.

**MAXWILL**—ekt(2)60. Handsome flowers of apricot-orange on vigorous, upright plants. Cross of Maximowicz and Wilmottiae. Pkt. 25c;  $\frac{1}{16}$  oz. 60c.



**MEDELOIDES**—atstkt(3)25. Wheel Lily of Japan, esteemed there as one of the more desirable garden species. Flowers show varied shades, apricot to scarlet. Offered subject to arrival. Pkt. 25c; 3 pkts. for 70c.

**NEPALENSE**—kt(w)(3)30. Rather tender Lily from northern India, the flowers pale yellow trumpets with wine stains. Recommended for pot culture. Pkt. 25c.

**OCCIDENTALE**—kt(3)20. Consider it a midget Pardalinum. A little beauty, and rare. Pkt. 25c.

**PARDALINUM**—yt(2-3)60. The richly-hued Panther Lily is one of our own particular favorites. Spectacular flower-pyramids of orange and dominant crimson. Hardy and adaptable. Pkt. 25c;  $\frac{1}{16}$  oz. 40c;  $\frac{1}{8}$  oz. 75c.

**PHILADELPHICUM**—statkt(2-3)40. Flame Lily. Upfacing chalice-flowers of most fiery orange, shading to burnt orange at petal base. A vivid Lily for position in open shade. Pkt. 20c;  $\frac{1}{16}$  oz. 35c.

**PHILADELPHICUM HYBRIDS**—kt(3)36. Mostly crosses of Davuricum and Philadelphicum, made by Canadian plant breeders. A most interesting race, showing pleasing variations in form and coloring. Pkt. 25c;  $\frac{1}{16}$  oz. 70c.

**POMPONIU**—cbyt(2)40. Brilliant scarlet flowers, wax-like, reflexed, sometimes as many as ten or twelve on a stem. A showy species. Full sun. Pkt. 30c; 3 pkts. for 85c.



**REGALE**—ekt(2)50. The King of Lilies, exceedingly easy, and none more beautiful. Glossily white and waxlike are the great, flaring trumpets, but within there is a lemon-tinting, the reverse showing rosy suffusions. Richly perfumed. *Illustrated opposite*. Splendid cut flower. Seed germinates quickly, and quite strongly. Pkt. 15c;  $\frac{1}{8}$  oz. 35c;  $\frac{1}{4}$  oz. 60c; 1 oz. \$2.00. Ask for quotation on larger quantities.

**REGALE-GROUP HYBRIDS**—ekt(2-3)60. An easy and hardy section with fine, large flowers that vary from wide funnels to long, open trumpets, from white with slight rose shading to others deeply suffused without in pink, rose or brown purple. Within the flower there may be white, deepening to cream, or richer, more dominating tints of lemon yellow. Mostly they bloom later than Regale, lengthening the season by some weeks. They are the results of varied hybridizations and inter-crossings of Regale, with *Sargentiae*, *Centifolium*, *Myriophyllum superbum*, *Browni* and perhaps others, and they include the strains offered as *Shelburne Hybrids*, *Princeps*, *Crow Hybrids*, *Centifolium Hybrids*, *Sulphur-Gale* and *Pride of Charlotte*. If you wish these separately, see the **TREASURE CHEST**, but perhaps they are best sown in this blend, all together as the *Regale-Group Hybrids*. Pkt. 20c;  $\frac{1}{8}$  oz. 35c;  $\frac{1}{4}$  oz. 60c;  $\frac{1}{2}$  oz. \$1.00.

**ROEZLI**—kt(3)35. Recurved flowers of black-dotted crimson. Pkt. 20c; 3 pkts. for 50c.

**RUBELLUM**—Rstatkt(2)20. Sweetly scented flowers of delightful rosy pink. An exquisite Lily, and reasonably winter hardy, but may also be grown in pots. Offered subject to arrival. Pkt. 30c; 3 pkts. for 85c; 10 pkts. for \$2.50.

**SARGENTIAE**—kt(3)60. Handsome species with flaring trumpet flowers, waxy white within, rose-suffused outside. Fragrant. Seeds always light and flaky. Pkt. 25c.

**SPECIOSUM RUBRUM**—yt(4)50. Waxed flowers of carmine pink, laid over sparkling white. Blossoms big and showy. Considered by many as the most beautiful of all lilies. Hardy and rugged. Pkt. 25c; 3 pkts. for 70c.

**SPECIOSUM KRAETZERI**—yt(4)50. A rare, but particularly good form with, big, white, waxy blossoms, each petal with a narrow, green center stripe. Offered subject to arrival. Pkt. 30c; 3 pkts. for 85c; 10 pkts. for \$2.50.

**SUPERBUM**—yt(2)100. Stately plants that may tower to 10 feet are hung with recurved blossoms in beautiful combinations and overlays of yellow, orange, scarlet and maroon. Seeds germinate first year but show no leaves until following spring. Pkt. 15c;  $\frac{1}{8}$  oz. 35c;  $\frac{1}{4}$  oz. 60c; 1 oz. \$2.00.

**SZOVITSIANUM**—styt(2)36. A beautiful, and unusual Lily from Armenia and the lower Caucasus, growing naturally in well-drained soils in open woodland. Rather large, bell-shaped blossoms of soft straw yellow, spotted with purple-black. Pkt. 35c; 3 pkts. for \$1.00.

**TENUIFOLIUM**—(L. *pumilum*)—ekt(2)36. Coral Lily. Many recurved blossoms in glossy vermilion. Easy and quick. Sometimes flowers first season. *Illustrated page 41*. Pkt. 15c;  $\frac{1}{16}$  oz. 25c;  $\frac{1}{8}$  oz. 40c;  $\frac{1}{4}$  oz. 75c.

**THOMSONIANUM**—(Notholirion *Thomsonianum*)—k(3)36. Broad spreading flowers in a pleasing tone of pink to rose. Sweetly fragrant. Of somewhat doubtful hardiness, so perhaps best handled in pots. Pkt. 35c.

**UMBELLATUM**—ekt(3)25. Splendid garden race of hybrid Lilies, easy to grow and long-lived. The large blossoms are cup shaped and face upward. Wide variation in coloring and marking, in the range from yellow and orange, through scarlet and crimson. Pkt. 25c; 3 pkts. for 70c; 10 pkts. for \$2.00.

**WALLICHIANUM**—k(w)(3-4)75. Tender Lily from north-east India, with 10-inch, fragrant flower trumpets, creamy with olive shadings in reverse. Pkt. 25c; 3 pkts. for 70c.

**WASHINGTONIANUM**—yt(2-3)60. Beautiful species with wide funnel blossoms that open white, but gradually suffuse with a rose that deepens to violet. Pkt. 20c;  $\frac{1}{8}$  oz. 65c.

**WILMOTTIAE**—ekt(2)50. A quick Lily of much beauty, the arching stems carrying flowers of orange-tinted apricot, dotted red-brown. Pkt. 20c;  $\frac{1}{16}$  oz. 35c;  $\frac{1}{8}$  oz. 60c.

**SPECIAL LILY BLEND**—Includes seeds of most of the Lilies listed here and in the *Treasure Chest*, but not, of course, in equal proportions. Nevertheless it is a wonderfully diversified and widely inclusive mixture. Pkt. 20c;  $\frac{1}{16}$  oz. 30c;  $\frac{1}{8}$  oz. 50c;  $\frac{1}{4}$  oz. 85c; 1 oz. \$3.00.

**OFFER 131A9**—One pkt. each of the 54 Lilies offered here, for \$11.30.

**OFFER 132A9**—One pkt. each of ten Lilies, our selection among the easier kinds, for \$1.65.

**2 LISIANTHUS GLABER**—w. Shining foliage and handsome golden flowers. Rare Gentian-cousin from Andean valleys. For cool pot culture. Decidedly rare. Pkt. 35c.

**1 LITHOSPERMUM HEAVENLY BLUE**—(2-3)6. Evergreen, rock garden perennial giving wide mounds of dark green foliage, set for months with exquisite blossoms of Gentian blue. Light shade preferred. Plants, each 75c; 3 for \$2.00.

**1 LITHOSPERMUM CANESCENS**—(2-3)15. Lady Key. Sheafs of silvery foliage, filled for months with golden orange blossoming. Plants supplied will look like dry, brittle sticks, but that's their nature. They will grow all right if you give them a chance. Plants, each 45c; 3 for \$1.20.

**1 LITHOSPERMUM DISTICHUM**—rbk(9)20. Winter-pearl. Grown for the pearl-white seeds, that, in great numbers, remain on the plants all winter. Pkt. 20c.

**2 LIVISTONIA CHINENSIS**—w. Chinese Fan Palm. One of the better ornamental Palms for pot or tub culture. A handsome plant of not too difficult culture. 3 seeds for 25c.

**2 LIBERTIA IXIODES**—(2)16. Rather Iris-like New Zealand plant with racemes of attractive white flowers that are followed by orange fruits. In cold areas, best grown as a pot plant. Pkt. 20c.

### 3 MAGIC LILIES 4



LYCORIS  
SQUAMIGERA

Two species of *LYCORIS*, both beauties. *LYCORIS AUREA*—Clusters of waxy golden "Amaryllis" flowers in August. Supplied as rooted bulbs. Foliage appears after the bloom, but do not let dry out at any season. For pot culture only in the North. Each \$1.25; 3 for \$3.60. *LYCORIS SQUAMIGERA*—A winter-hardy garden bulb. Clustered, fragrant trumpets in opaline tones, opening lilac-pink, becoming blue lavender. Showy and long-lived. *Illustrated opposite*. Each \$1.25; 3 for \$3.60.

### LOBELIA BRIGHTNESS \*

Long-blooming plants of easy habit, all rich in color, but otherwise of quite diverse needs and uses. *ERINUS CRYSTAL PALACE*—x(8)4. Compact variety with dark foliage, covered continually with deep blue flowers. Valued for edgings, beds, pot culture. Pkt. 15c;  $\frac{1}{16}$  oz. 35c. *SAPPHIRE*—x(w)(8)8. Delightful annual semi-trailer with exquisite sapphire blue flowers, each with a tiny white eye. For pot culture, hanging baskets, porch boxes, or as a rock garden filler. Pkt. 20c;  $\frac{1}{16}$  oz. 40c. *CARDINALIS*—\*ematx(3)60. Red Birds. Flowers in the very brightest of reds, carried in tall spikes. No other hardy perennial shows such vivid color brilliance. Tolerates open shade if given plenty of moisture. Very fine seeds. Pkt. 20c;  $\frac{1}{16}$  oz. 40c;  $\frac{1}{8}$  oz. 75c;  $\frac{1}{4}$  oz. \$1.35. *SIPHILITICA*—\*ematx(3)35. Blue Birds. A desirable border perennial. Spikes crowded with blossoms of royal blue. Quick from seed. Seeds fine. Pkt. 20c;  $\frac{1}{16}$  oz. 40c;  $\frac{1}{8}$  oz. 75c. Plants, each 45c.

**BOOKS ON LILIES**—Two good ones. *GARDEN LILIES*—The Macneils. New, and very good. Written by lily specialists. 240 pages. Illustrated. \$3.50. *LILIES FOR AMERICAN GARDENS*—Slate. Clear and comprehensive. Needed for constant reference. 274 pages. Illustrated. \$5.00.

\* **LINUM ANNUAL**—ex(2-3)18. Easy, quick, pretty, long in bloom. *GRANDIFLORUM*—Satiny blossoms of old rose. Pkt. 10c;  $\frac{1}{8}$  oz. 25c. *ANGUSTIFOLIUM*—Flowers of silky blue in enormous numbers. Pkt. 10c;  $\frac{1}{8}$  oz. 20c.

\* **LINDHEIMERA TEXANA**—ecx(8)24. Star-cup. An easy, ever-blooming annual flower, long-lasting when cut. The five wide golden petals are arranged to form both a star and a cup. *Lindheimera* should be better known. It has real garden merit. *Illustrated page 4*. Pkt. 15c.

\* **LOASA AURANTIACA**—Pretty South American Annual decumbent with wide, orange-red flowers. Pkt. 15c.

\* **LOPEZIA CORONATA**—ebk(8)30. An easy and gay Mexican Annual that belongs in every garden. Airy little butterfly-flowers of brilliant rose pink, June to November. Pkt. 15c.

**2 LOTUS MASCAENSIS**—w. Pretty Canary Island species, a good pot or hanging basket plant. Drooping, silvery foliage and clustered, shining yellow flowers. 10 seeds for 25c.



**1 LOTUS DOUBLE GOLDEN**—Wide mats of fine foliage from which, in June, rise mahogany buds on 4-inch stems. Then come clusters of golden flowers like little, fully double Sweetpea blossoms. Hardy; long-lived. Rock gardens, banks, terraces. Plants, each 50c; 3 for \$1.40.

**1 LYSIMACHIA**—ebx(3). Two excellent perennials for the hardy border, both long in bloom. **CLETHROIDES**—36 inches. Very many slender terminal spikes of pretty white flowers that last well when cut. Thrives in either dry or moist positions. Pkt. 20c. Plants, each 45c; 3 for \$1.20. **VULGARIS**—36 inches. The showy "Golden Phlox". Big heads of rich yellow flowers that do, indeed, resemble the flower clusters of the summer Phlox, but in a new color. Pkt. 15c. Plants, each 45c; 3 for \$1.20; 10 for \$3.60.

**1 LYSIMACHIA NUMMULARIA**—Pretty and hardy creeper with close foliage starred with yellow flowers. Spreads quickly, striking new roots from the prostrate stems. Excellent ground cover. Divisions, each 35c; 3 for \$1.00; 10 for \$2.85.

**1 LYTHRUM SALICARIA MIXED**—eatkt(3-4)50. The "Long Purples" of Shakespeare. Many dense, narrow spikes in rose and purple. One of the better flowering perennials of late summer. Pkt. 15c;  $\frac{1}{16}$  oz. 25c;  $\frac{1}{8}$  oz. 40c. Plants, each 45c.

## 4 LITTONIA MODESTA

A delightful relative of *Gloriosa* with curl-pointed foliage and bell-blossoms of radiant orange that are like pendant Tulips. Short-jointed, sub-erect stems; not a climber. It blooms freely and long in the garden, tubers being dug and stored in autumn. Also a fine pot plant. Pkt. 25c.

## \* LUPINUS ANNUAL

Sow it early, that is main secret of success with it. It can be a very showy annual. **NANUS**—10 inches. Indigo, marked white. Particularly good. Pkt. 10c;  $\frac{1}{4}$  oz. 25c. **DENSIFLORUS**—16 inches. Dense spikes of flowers that are usually white or rosy violet. Pkt. 15c. **HARTWEGGI MIXED**—24 inches. Giant selection. Long, graceful spikes in white, blue or rose. Pkt. 10c;  $\frac{1}{4}$  oz. 25c. **SUBCARNOSUS**—18 inches. Texas Bluebonnet. Big, bright blue flowers over silky foliage. Pkt. 10c;  $\frac{1}{4}$  oz. 20c. **MUTABILIS CRUCKSHANKSI**—50 inches. Attractive Peruvian species with pale blue flowers, shaded purple. Pkt. 15c. **TRUNCATUS**—15 inches. Blood-red blossoms age to purple. Pkt. 15c. **OFFER 135A9**—One pkt. each of above for 60c.

## 1 LUPINUS PERENNIAL

Racemes of bright flowers over pleasant foliage. Seeds may be sown where plants are to stand. "kti" culture. **ARBOREUS GOLDEN SPIRE**—60 inches. Showy fragrant yellow. Not overly hardy. In North, give sheltered position and some protection. Pkt. 15c. **RIVULARIS**—36 inches. Showy species with flowers that may be lavender, blue or rose-violet, yellow-marked. Pkt. 15c. **ORNATUS**—25 inches. Handsome, sun-glinting foliage. Heavy blue and white flowers. Pkt. 20c.

**LUPINUS PEEERLESS HYBRIDS**—ecbk(3)35. Great, tapering, close-packed spikes in creamy pink, rose, salmon, orange, chocolate, primrose, lavender, mauve, indigo, violet and the like. The best of several strains, including liberal amount of the **RUSSELL**. Pkt. 15c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{4}$  oz. 50c; 1 oz. \$1.75.

## 1 LYCHNIS FOR BRIGHT COLOR

Easily grown, brilliantly hued perennials. "x" culture. **ALPINA**—7 inches. Pretty rock garden species with dense spikes of flowers in pure white or soft pink. Pkt. 15c;  $\frac{1}{32}$  oz. 25c. Plants, each 40c; 3 for \$1.10. **CHALCEDONICA**—25 inches. Maltese Cross. Big, flattened clusters of cross-shaped flowers in brightest red, or rarely salmon rose. A long-showy perennial. Pkt. 15c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{4}$  oz. 50c. Plants, each 40c. **CHALCEDONICA ALBA**—Flattened clusters of pure white. Pkt. 15c;  $\frac{1}{16}$  oz. 25c. **CORONARIA CRIMSON**—20 inches. Mullein Pink or Argostemma. Downy, silvery foliage and rose-crimson flowers. Pkt. 10c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{4}$  oz. 40c. **PRESLI**—25 inches. Sheafs of rich rose or sometimes of white. From the high plains of Bolivia. A showy perennial. Pkt. 15c;  $\frac{1}{16}$  oz. 25c. **PRESLI WHITE**—Handsome, white-flowered perennial. Pkt. 15c. **VISCARIA SPLENDENS**—20 inches. Fountain-like plants with pretty, rose-pink blossoms. A desirable hardy perennial of much attractiveness. Pkt. 15c;  $\frac{1}{8}$  oz. 35c;  $\frac{1}{4}$  oz. 60c. **WALKERI**—25 inches. Everblooming hybrid of considerable beauty. Carmine red flowers and silvery, downy foliage. Pkt. 15c;  $\frac{1}{16}$  oz. 25c. **OFFER 137A9**—One pkt. each of above for 80c.

**LYCHNIS DOUBLE BRILLIANCE**—Massive spike-clusters of rich, bright rose. Greatly showy. A fully double form of *Lychnis viscaria*. Long blooming season. Plants only, each 50c; 3 for \$1.40; 10 for \$4.20.

**6 LUCULIA GRATISSIMA**—w. Tender winter-flowering shrubs, grown North in pots under glass. Individual blossoms, pink or white, are an inch and a half across, carried in wide corymbs that may be a foot in diameter. Pkt. 25c.

\* **MADIA ELEGANS**—ebx(3-4)40. Pretty shady-place Annual with clusters of daisy flowers, these with long, 3-cleft petals of golden yellow, zoned red-brown at base. *Illustrated back cover*. Pkt. 20c.

**9 MAGNOLIA BLEND**—kt. Hardy trees with immense, bowl-shaped flowers of white, pink or rose. Several ornamental species in mixture. Pkt. 35c; 3 pkts. for \$1.00.

**1 MAIANTHEMUM CANADENSE**—rstkt(1)6. Mat-forming, shade-loving perennials for rock garden or naturalizing. Pretty white flowers, then translucent red berries. Pkt. 15c.

**1 MALVA ALCEA FASTIGIATA**—ecbx(2-3)48. A showy, satisfactory perennial, quick from seed. Desirable in the mixed border or as a cut flower. Many lithe stems are loaded with blossoms in satiny pink. Pkt. 15c; 3 pkts. for 40c.

**1 MALVA MOSCHATA**—\*ecbnx(3)30. Musk-mallow. Great sheafs of blossoms in early summer, few perennials more floriferous. A truly showy plant of easiest possible culture. Sown in early spring, plants will sometimes bloom first year, but the seed germinates well whether sown early or late. For the mixed hardy border, the cutting garden, or just for naturalizing. **MOSCHATA PINK**—Here the blossoms are a soft, pure pink. Pkt. 15c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{4}$  oz. 40c; 1 oz. \$1.25. **MOSCHATA WHITE**—Here the flowers come in the purest of whites. Pkt. 15c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{4}$  oz. 40c.

**1 MALVASTRUM COCCINEUM**—rbdk(3)10. Attractive perennial for a hot, dry position. Silvery foliage and coppery red flowers. Pkt. 20c.

**8 MANDEVILLEA SUAVEOLENS**—w. Chilean Jasmine. Tender vine with large white or blush flowers, these sweetly fragrant. For outdoor culture in mild climates, or north, for the large conservatory. Pkt. 20c.

## 2 MARICA GRACILIS

An unusual and beautiful pot plant. Iris-shaped flowers of waxy white, the reflexed inner segments bright blue, the petal-bases brown chestnut. Fragrant. New plants come from the tip of the flower-scape that eventually arches over and roots. From this, called *Walking Iris*. *Illustrated opposite*. Plants, each 70c; 3 for \$2.00.



## \* RICH MARIGOLD

Opulent beauties here in pleasant diversity, easy to grow, and to enjoy. ex. **IDA-BELLE FIRESTONE**—Hyb. 36 inches. Red mahogany flowers, fully double, with long stems. Pkt. 15c;  $\frac{1}{16}$  oz. 25c. **GIANT LEMONBALL**—Afr. 35 inches. Immense, formal, lemon-yellow balls. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. **GIANT ORANGE-BALL**—35 inches. Enormous, tightly packed ball-flowers of richest orange. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. **GOLDSMITH**—Afr. Four-inch flowers in deepest orange gold, form of incurved *Chrysanthemums*. Pkt. 15c;  $\frac{1}{16}$  oz. 25c. **LIMELIGHT**—Afr. 20 inches. The lightest in color, a pale, creamy primrose, flowers intensely double, petals incurved and interlaced. Pkt. 15c;  $\frac{1}{16}$  oz. 25c;  $\frac{1}{8}$  oz. 40c. **YELLOW-STONE**—Another *Chrysanthemum*-flowered Marigold, form and size of Goldsmith and Limelight, but here all in purest golden yellow. Pkt. 15c;  $\frac{1}{16}$  oz. 25c. **YELLOW SUPREME**—30 inches. Loosely ruffled, rather *Carnation*-like flowers of large size. Pure light yellow. Pkt. 15c. **SUNSET GIANTS**—Afr. 45 inches. Largest of Marigolds, flowers sometimes 6 inches across, but exceedingly variable in size, form and color. Majority will be double, and in yellow and orange tones. Pkt. 15c;  $\frac{1}{16}$  oz. 25c. **FLAMING FIRE**—Fr. 25 inches. Big, gorgeous single flowers in patterns of red and maroon over lemon and gold. Pkt. 10c;  $\frac{1}{8}$  oz. 20c. **FINEST FRENCH MIXED**—Fr. 15 inches. Dwarf, flowers fully double, in richest colorings, varied yellows and oranges, with mahogany, crimson and scarlet shades and applications. Pkt. 15c;  $\frac{1}{8}$  oz. 25c. **TAGETES TENUIFOLIA**—Signet Marigold, 10 inches. The daintiest, with lacy foliage, and a profusion of little single flowers in tones of yellow. Useful for edgings. Pkt. 10c;  $\frac{1}{8}$  oz. 25c. **OFFER 138A9**—One pkt. each of the above for \$1.20.

**MARIGOLD DISPLAY JUNIOR**—The lower kinds, those under 20 inches of height. Pkt. 10c;  $\frac{1}{4}$  oz. 30c.

**MARIGOLD DISPLAY SENIOR**—The taller kinds, from 20 inches on up. Here's surprise. Pkt. 10c;  $\frac{1}{4}$  oz. 30c.



\* **MATRÍCARIA (FEVERFEW)**—eibk(8)10. Valued for edgings, pot plants, or for cutting. Intensely double little flowers. Profuse in long bloom. **GOLDEN BALL**—Rich yellow. Pkt. 10c. **LEMON BALL**—Soft lemon. Pkt. 10c. **SNOW-BALL**—Purest white. Pkt. 15c;  $\frac{1}{16}$  oz. 35c.

\* **MATTHIOLA BICORNIS**—eox(3)15. Night-scented Stock. Loose spikes of little purple flowers that are delightfully fragrant in evening, early morning, or after shower. Pkt. 10c.

\* **MAURANDIA ERUBESCENS**—ex. Tender perennial vine, flowering quickly from seed, and often grown as an Annual. Trumpet-shaped flowers of rosy pink. Pkt. 20c.

1 **MAZUS REPTANS**—Pretty little perennial mat-former from the Himalayas, the whole plant not over 2 inches of height. Over the mat are carried the fairly large, "Lobelia" flowers of blue-purple, the lip marked with yellow and white. Rock garden. Plants, each 45c; 3 for \$1.25; 10 for \$3.60.

1 **MERTENSIA VIRGINICA**—stkt-(2)24. The lovely Virginia Bluebell in changeable opaline colorings, pink in bud, but lucent blue-sapphire when the arching blossom sprays are open. *Illustrated opposite.* Pkt. 20c;  $\frac{1}{16}$  oz. 30c;  $\frac{1}{8}$  oz. 50c. Also variety **SNOWBELL**. seeds saved only from plants with pure white flowers, but seedlings may vary. Pkt. 50c.



**MERTENSIA VIRGINICA**

1 **MERTENSIA OBLONGIFOLIA**—kt(1)6. Exquisite alpine. Clusters of pale blue trumpets. Pkt. 25c.

2 **MELASTOMACEAE COLOMBIAN BLEND**—w. A family of herbaceous plants, mostly tropical, that includes a large number of genera suitable for growing under glass, many of them much desired ornamentals. We offer seeds collected in Colombia, in mixture of many species of several genera. If you have a greenhouse, sow this for delight and surprise. Pkt. 25c.

1 **MENTHA ROTUNDIFOLIA**—Apple-Mint. A pleasant herb with variegated white and green leaves. Plants, each 40c.

2 **MESEMBRYANTHEMUM**—w. As varied as are the Cacti, thick succulence and form oddities, but here never a spine. Foliage may be deltoid, pencil-like or tongue-shaped. Flowers usually bright and showy. Fine mixture, seeds per pkt. 25c.

2 **MESEMBRYANTHEMUM ELEGANS**—A pretty and graceful pot plant with slender, succulent dark green leaves and multitudes of little flowers in rosy purple. Also good summer rock garden plant. Full sun. Plants, each 40c; 3 for \$1.10.

\* **MIGNONETTE**—ecobx(2-3)12. Desired for its fragrance. Big fluffy flower spikes, red, golden, coppery and white in mixture, long-blooming forms suitable for either garden or pot culture. Sow in position. Pkt. 10c;  $\frac{1}{8}$  oz. 25c.

\* **MONARDELLA LANCEOLATA**—erbx(3)16. A pretty annual flower of easy handling. The branching plants are set with purple flower-heads. Aromatic fragrance. Pkt. 15c.

1 **MONARDELLA VILLOSA**—erx(3)18. Heads of pretty, Monarda-like flowers, pink to purple. Pkt. 15c.

## 1 MECONOPSIS (Blue Poppy)

Meconopsis is not always blue, but always it is beautiful. Not easy, needing cool soil and moist air. "kt" culture.

**MECONOPSIS BETONICIFOLIA**—(M. Baileyi) Great Blue Poppy. No other Meconopsis can be more beautiful than this. Loosely clustered blossoms of lovely sky blue, with bunched golden anthers. Where happy, it may reach five feet. Pkt. 25c;  $\frac{1}{64}$  oz. 40c;  $\frac{1}{32}$  oz. 75c.

**OTHER MECONOPSIS SPECIES**—Here are seven good ones. **CAMBRICA**—20 inches. The Welsh Poppy, perhaps easiest species for usual garden culture. Flowers range from pale yellow to deep orange. Pkt. 20c; 3 pkts. for 50c. **HYBRIDIUM ALICEAE**—50 inches. Red buds open to yellow flowers that still, at first, show a faint flush of rose. Pkt. 25c. **INTEGRIFOLIA**—36 inches. Chinese species with big yellow flowers that sometimes are more than six inches across. Pkt. 25c. **SIMPLICIFOLIA**—25 inches. Nodding flowers in range of shade and tone, from blue to purple. Pkt. 25c. **PANICULATA**—55 inches. In August, towering spires of pendulous yellow blossoms. Pkt. 25c. **WALLICHI** (Napaulensis)—Satin Poppy. Delightful blossoms of soft dawn-blue over portly rosettes of tawny featherings. 40 inches. Pkt. 25c. **WALLICHI WHITE**—Like last, but with petals of snowy white, silken sheen. Pkt. 25c. **OFFER 139A9**—One pkt. each of the seven for \$1.15.

**MECONOPSIS BLEND**—Inclusive mixture of colorings and forms. Pkt. 25c; 3 pkts. for 70c; 10 pkts. for \$2.00.

\* **MIMOSA PUDICA**—k. Sensitive plant. Pretty, fluffy, mauve-pink flowers. Pinnate foliage that folds tightly when touched. A plant that is both interesting, and attractive. Does very well in the summer garden, or sometimes it is grown as a pot plant. Pkt. 15c;  $\frac{1}{16}$  oz. 25c.

## 3 WHITE STAR LILY

It is **MILLA BIFLORA**, pleasant bulb-flower for the summer garden, *illustrated page 27*. Fragrant blossoms with petals of snowy white waxy crispness. It cuts. Garden and storage handling of *Gladiolus*. 24 inches. Pkt. 25c. Bulbs, spring delivery, each 25c; 3 for 70c; 10 for \$2.00.

## \* MIMULUS, RICHLY TINTED 1

Blossoms as oddly formed as many an Orchid, come in colorings as exotic; cardinal, coppery crimson, blue lavender, pink, rose and yellow this sometimes red-splashed. Water in drought. The *Mimulus*es are, most of them, perennials, but they may be readily treated as annuals. Pkt. 15c.

1 **MIMULUS RINGENS**—\*ebmtx(3)50. Orchid-like flowers of blue-violet with yellow lip. Showy, hardy perennial. Pkt. 15c. Plants, each 45c.

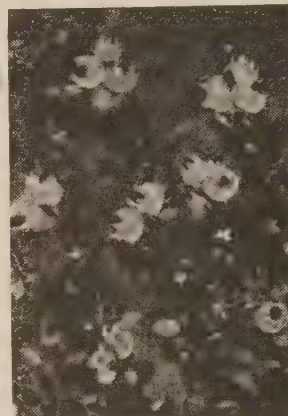
## 3 MONTBRETIA

For flaming, long summer color, *Montbretia* excels all other garden bulbs. It gives unceasing showing from June into late autumn, glowing orange, fire scarlet, yellows, apricots, salmons in many a varied tone. Safest when bulbs are dug in late autumn and stored over winter in dampish sand in a frost-proof place. Plant upon arrival, or place in damp sand until you can, for otherwise they become hard. This is a really splendid mixture. Spring delivery, bulbs, 5 for 50c; 10 for 85c; 25 for \$2.00; 100 for \$7.50.

**BOOK OF SHRUBS**—Hottes. Very good, indeed. Descriptions, care, pruning, propagation. Illustrated. \$4.00.

1 **MUEHLENBECKIA AXILLARIS**—ergx(4)5. Delightful tangles of slender red stems set with tiny leaves of deep emerald. Wee flowers are followed by black seeds, each in its own cup of succulent, glistening white. almost of ice-cream appearance and consistency. *Illustrated opposite.* Fully hardy at Old Orchard, and right for the rock garden. Also makes an interesting window pot or even hanging basket plant. Pkt. 35c. Plants, each 50c; 3 for \$1.40.

\* **MIRABILIS** or **WONDER-FLOWER**—Annuals of much showiness and easy growing. **UNIFLORA**—30 inches. Bright rose flowers in trumpet-intrumpet form, each long-tubed blossom rising from a much ruffled second "flower" of the same vivid rose. Pkt. 15c;  $\frac{1}{4}$  oz. 35c. **LONGIFLORA**—Clusters of slender-tubed flowers, pure white or rose tinted, intensely fragrant at twilight. Pkt. 15c; 3 pkts. for 40c. **JALAPA SPECIAL MIXED**—24 inches. Marvel of Peru or Four o'Clock. An old favorite with profuse, showy flowers in white, yellow, rose, red, pink, lilac or tricolored. In this strain the foliage is often variegated. Pkt. 10c;  $\frac{1}{4}$  oz. 25c; 1 oz. 75c.



## 1 MONARDA or BERGAMOT

**FISTULOSA**—Lavender Balm. Blossoms of mauve to lavender in effects, of full fluffy doubleness. To five feet. Pkt. 15c;  $\frac{1}{16}$  oz. 35c. Plants, each 40c; 3 for \$1.10.

**AVALON HYBRIDS**—45 inches. Well-filled flowerheads give effects of full doubleness, and the color variations are rather amazing, silvery, white, blush, pink, rose, mauve, violet, crimsons. Pkt. 20c; 3 pkts. for 50c.

**CAMBRIDGE SCARLET**—Flowers of scarlet-toned crimson for months. Showy. Plants, each 45c; 3 for \$1.10.

**OLD ORCHARD PINK**—Bright salmon pink are the blossoms, a pure and lustrous tone. Plants only, each 50c; 3 for \$1.40; 10 for \$4.20.

**ROSE VIOLET**—Flowers in a richly vivid, glowing tone that is both far-visible and attractive. Plants, each 50c.

**OFFER 141AN9**—One plant each of the four for \$1.70.



**2 MONSONIA SPECIOSA**—w. A handsome Pelargonium cousin, with showy white or soft pink flowers, always veined with deeper pink. 5 seeds for 25c.

\* **MORNING GLORY**—x. Quick annual vines with colorful flowers that open at dawn. **HEAVENLY BLUE**—Great sky-blue blossoms. Early blooming selection. Pkt. 15c; ¼ oz. 35c. **PEARLY GATES**—Enormous flowers of purest white. Pkt. 15c. **CRIMSON RAMBLER**—Big blossoms of ruby crimson, throats white. Pkt. 15c; ¼ oz. 25c. **ROSE MARIE**—Double flowers of deep rose. Pkt. 20c. **IMPERIAL GIANTS**—The Japanese Morning Glory. Flowers of great size, in wide range of showy colorings, sometimes contrastingly splashed or edged. Pkt. 15c; ¼ oz. 25c. **OFFER 140A9**—One pkt. each of above for 65c.

**1 MORONGIA UNCINATA**—\*erkt(3-4)8. Called Sensitive Rose or Trailing Mimosa. A fully hardy, trailing perennial of much beauty in the rock garden. The flowers are hyacinth-scented, fluffy balls of pure pink, set with golden anthers. The pretty, pinnate foliage is exceedingly sensitive, folding instantly at slightest touch. Pkt. 25c; 3 pkts. for 70c.

**1 MULGEDIUM BOURGEOI**—ebx(3)50. Lovely blossom stars of pearly blue in immense plume-panicles. Good perennial for the mixed hardy border. Pkt. 15c. Plants, each 40c.

**1 MYOSOTIS or FORGET-ME-NOT**—\*erx. Notable for dainty, blue blossoms, though other colors appear. **ALPESTRIS BLUE**—20 inches. Sprays of intense blue. Usually grown as an Annual. Pkt. 15c; ½ oz. 45c. **ALPESTRIS ROSE**—The pretty pink Forgetmenot. Pkt. 15c. **ALPESTRIS WHITE**—Pure white flowers. Needed both for its own beauty, and for contrast. Pkt. 15c. **PALUSTRIS SEMPERFLORENS**—8 inches. Sprays of soft blue with lighter centers. A true perennial of pretty, graceful habit. Flowers first season from seed. Pkt. 15c; ¼ oz. 30c. **OFFER 143A9**—One pkt. each of above for 50c.

**1 MYOSOTIS PINK BEAUTY**—(8)8. Charming ever-blooming Forget-me-not with profuse blossoms for months, all in pure, soft pink. At Old Orchard behaves as a fully winter-hardy perennial. Rock garden. Plants, each 45c; 3 for \$1.20.

## 4 MOREA or AFRICAN IRIS 3

South of the equator Morea takes the place of the genus Iris, but that means no lessening of family beauty, for Moreas are airier, daintier, with an alluring charm individual to them. All make splendid pot plants. Colorings include snowy white, white with blue or gold patches, soft yellow, buff, citron patched with mahogany, lilac, mauve, lavender, and violet. "kt" culture. Pkt. 20c; 3 pkts. for 50c.

**4 MOREA IRIDIODES**—This beauty handles easily as a pot plant. Flowers to 4-inch diameters, pure white, marked with yellow at base of outer segments, with blue on inner segments. Pkt. 20c. Plants, each 65c; 3 for \$1.75.

**BICOLOR**—kt(w). Large flowers of clear citron yellow, the outer segments with brown basal patch, the inner sometimes sprinkled with brown dots. Particularly desirable. Makes a fine pot plant. Pkt. 20c. Plants, each 75c.

**MOREA ROBINSONIANA**—The "Wedding Iris" of Lord Howe Island. Spectacular blossoms, 4 inches wide, white with yellow and rosy markings, on stems that reach 6 feet. On one stately clump 457 flowers have been counted between June and October. North, a large pot plant. Pkt. 25c.

**MOREA POLYSTACHYA**—kt. Blossoms like lavender butterflies, touched with yellow and violet, in handsome open sprays. Bulbs planted in garden in spring lie dormant for a time, then grow rapidly, giving glorious autumn showing. Also forces as a pot plant. *Illustrated page 1.* Pkt. 15c. Bulbs, spring or fall, 2 for 35c; 7 for \$1.00.

**RAMOSA**—30 inches. Bright yellow flowers carried in great corymbs of many clusters. Pkt. 20c.

**PAVONIA VILLOSA**—kt(w). The flower segments are rosy purple, patched with vividly iridescent, deep blue, this orange-margined. Offered subject arrival. Pkt. 20c.

**OFFER 142A9**—One pkt. each of the above for \$1.00.

## 3 THE BRIGHT GRAPE HYACINTH

**MUSCARI**, Grape Hyacinth, will give easy, vivid color for springs beyond your numbering, fill your rock garden with beauty, your woodland or border with gay surprise. "kt" culture. We offer a mixture of seeds of many species, Armenian dominating, but containing seeds also of several other interesting and diverse forms. Dense to open spikes of flowers in various tones and shades of blue, with some that hint of brown-shaded violet. Pkt. 15c; ¼ oz. 35c; ¼ oz. 60c.

\* **NYCTERINIA or NIGHT-BALSAM**—kt(3)6. It gains its English name from sweetly fragrant blossoms that open at night. The flowers resemble those of Phlox with slit petals, and may be white, lilac or near-pink. Botanically it is *Zaluzianskya selaginoides*. Pkt. 20c.

## \* SWEET-SCENTED NASTURTIUMS

From cream, through lemon, chamois, salmon, rose, orange, cerise, scarlet, maroon and mahogany, in many a blending, shading or bizarre splashing. "x" culture. **DWARF DOUBLE GIANTS**—Compact plant-globes massed with fragrant blossoms, semi-double and double. Pkt. 10c; ½ oz. 20c; 1 oz. 35c. **DWARF SINGLE MIXED**—The desirable, free-blooming single-flowered Nasturtiums in superb color range. Pkt. 10c; 1 oz. 30c; ¼ lb. \$1.00. **DWARF EMPRESS OF INDIA**—Deeply bronzed leaves and velvety scarlet flowers. Makes a rich edging or bed. Pkt. 10c; ½ oz. 20c; 1 oz. 35c. **DOUBLE GLEAM HYBRIDS**—Semi-dwarf, may be grown on trellis or as a trailer. Fragrant semi to fully double flowers in fine color range. Pkt. 10c; 1 oz. 35c; ¼ lb. \$1.10. **TALL MIXED**—Big, varied, single flowers. Vine for trellis or fence. Pkt. 10c; 1 oz. 25c. **OFFER 144A9**—One pkt. each of above for 40c.

## NIEREMBERGIA ALLURE

**COERULEA PURPLE ROBE**—\*erx(w)(8)8. Blossoms like open chalices, so many that the whole



plant is but a flower-mound of rich blue-violet. Handled as an annual, it is of easiest garden culture, but also it makes a delightful long-blooming pot plant. *Illustrated opposite.* Pkt. 20c. **COERULEA SOFT BLUE**—Like last, but in a softer tone of coerulean blue. Pkt. 20c. **FRUTESCENS**—ebx(8)20. White blossoms with blue veinings and yellow throat. Fine everblooming garden Annual that sometimes also survives mild winters. Pkt. 15c. **GRACILIS**—12 inches. Like a lower *Frutescens* with a tendency toward decumbent habit. Garden edger, or in porch or window boxes. Pkt. 20c. **OFFER 146A9**—One pkt. each of the 4 for 60c.

**NIEREMBERGIA RIVULARIS**—River-snow. Attractive ever-blooming matformer, to four inches, set so closely with snowy, silk-crinkly, upfacing blossom cups that the whole plant spread shows as a marble-white pavement. Winter-hardy at Philadelphia, but protect in colder areas. Plants, each 45c; 3 for \$1.20; 10 for \$3.55.

## \* FRAGRANT NICOTIANA

The gardens of those who delight in sweet scents will hold always *Nicotiana*. eobx(8). **AFFINIS**—30 inches. Long white trumpets with sugar-sweet perfume. Pkt. 10c. **AFFINIS HYBRIDS**—Very like last, but includes mauve suffusions, along with rose and red. Pkt. 10c. **SANDERAE HYBRIDS**—28 inches. Long brightness in the rose, red and crimson range. Pkt. 15c. **CRIMSON BEDDER**—Rather greater profusion of flowers, these all in shades of rich crimson. Pkt. 15c; ¼ oz. 25c. **SYLVESTRIS**—35 inches. Rather stately plants, with massive basal foliage and big clusters of long-tubed white blossoms on slender stems. The flowers remain open all day. Pkt. 10c; ¼ oz. 25c. **OFFER 145A9**—One pkt. each of the above for 50c.

## 1 LOTUS or NELUMBIUM

Perennial aquatic plants of truly spectacular beauty when in flower. Of full hardiness. May be grown in artificial pool, natural lake, shallow or stream backwater, even in a tub. In sowing *Nelumbium* seeds, file through the shell, soak two days in barely warm water, then sow in saucer of sand covered with water, placing in sunny window until seeds sprouts. Seedling plants should be transplanted to strawberry boxes of sand and earth in shallow edge of pool, later being set where water is deeper. The seeds are large and nutlike.

**NELUMBIUM LUTEUM**—Golden Lotus. Enormous flowers of creamy yellow, followed by oddly decorative "shaker" seed pods. 3 seeds for 25c; 14 seeds for \$1.00. Pot-grown plants, each \$2.50.

**NELUMBIUM SPECIOSUM**—Oriental Lotus. Splendid fragrant blossoms that may be white, pink, or carmine red. 3 seeds for 25c; 14 seeds for \$1.00. Plants, pot-grown, mixed only without color choice, each \$2.50.



\* **MOONFLOWER**—kt. Showy annual vines with flowers that open in the evening. **GRANDIFLORA**—Immense white blossoms. Fragrant. Pkt. 15c. **BONA NOX**—Handsome mauve-pink flowers. Pkt. 15c.

3 **NEMASTYLIS ACUTA**—rkt(2)18. Celestial Lily. Large blossoms of pure sky blue, exquisite in color and form. A bulb, to be handled as *Tigridia*. Pkt. 20c.

## NERTERA or BEAD-PLANT

*Nertera depressa*, a dainty creeper with tiny, lettuce-green leaves and masses of shining orange or crimson berries. Hardy well north, and makes a pretty species for the lightly shaded rock garden, but usually it is grown as an indoor pot plant, the berries attractive for months. Cultures "k" or "w". Pkt. 25c; 3 pkts. for 70c.

## NYPHAEAE or WATER LILY

Sow in pots or pans of good soil, submerging the pot so at least two inches of water is above it. Keep in full sun at room temperature. Transfer to rich mud in pool or tub.

**NYPHAEAE TENDER BLEND**—Seeds saved from finest named sorts in full color range, pinks, reds, blues, whites. Not winter-hardy North, so usually grown as annuals, flowering quickly and long first year. Of course if you have a greenhouse, you can transfer them in autumn from your outside pool, and carry the plants over winter under glass in pails or tubs. Pkt. 25c; 3 pkts. for 70c.

### HARDY WATER LILIES

—Here are fully winter-hardy sorts that may be left right outside in the pool year after year. *Illustrated opposite*. Good, strong plants. **ATTRACTION**—Great blossoms of rich mahogany red. Each \$2.50. **PINK OPAL**—Lovely deep pink. Fragrant. Does well in small pool or tub. Each \$1.50. **W. B. SHAW**—Fragrant appleblossom pink. Big flowers. Each \$1.25. **PAUL HARIOT**—Opens apricot yellow, becoming orange pink. Thrives in small pool or tub. Each \$2.75. **SNOWBALL**—Pure white flowers so intensely double that seem like snowballs. Each \$3.00. **GOLDEN CUP**—Chrome to golden yellow. Profuse bloomer. Pool or tub. Each \$2.25.



## OENOTHERA (Evening Primrose)\*

The big, silky blossoms unfold at dusk, mostly remaining open until well into the next day. All bloom first year. *Misouriensis*. *Speciosa* and *Tetraptera* are hardy perennials, but the others are best treated as Annuals. "x" culture. Rock garden or border. **CAESPITOSA**—(2)5. Low foliage rosettes set with satiny 3-inch blossoms in softest of pinks. Pkt. 20c. **ACAULIS**—Rosettes of cut foliage from which rise long-tubed, wide blossoms of pink-suffused white. Pkt. 20c. **GLAUCA FRASERI**—Sundrop. Soundly hardy perennial to 25 inches. The slender, red-stemmed branchings fill with flowers of brilliant yellow. Pkt. 15c. **ODORATA SULPHUREA**—(3)40. Easy Annual from Chile. Large, showy flowers of soft yellow that become apricot pink next morning. Pkt. 15c. **RUBRICALYX**—Afterglow Primrose. 36 inches. Long-blooming Annual with big yellow blossoms that contrast with shining red calyx tubes. Pkt. 15c. **TRICHOCALYX**—(8)15. Enormous flowers open silky white, suffusing apricot. Pkt. 20c. **MISSOURIENSIS**—(3)10. Low hardy perennial, long-lived, spectacular in bloom. Immense flowers of glossy yellow are followed by oddly winged seed pods. Pkt. 15c; 1/8 oz. 25c; 1/4 oz. 40c. Plants, each 40c; 3 for \$1.10. **SPECIOSA**—(8)18. Wind Primrose. Big blossoms open pure white, gradually suffusing blush. Pkt. 20c. **BISTORTA VEITCHIANA**—16 inches. A showy Annual with bright yellow flowers marked purple at center. Pkt. 15c. **OFFER 147A9**—One pkt. each of the above for \$1.40.

**OENOTHERA PILGRIMI**—20 inches. Bushy plants are loaded with flowers of rich, glossy yellowness. Far-showy. A sound perennial. Plants only, each 45c; 3 for \$1.25.

\* **NEMESIA**—erk. Easy annuals of much beauty. **GAYETY BLEND**—(2-3)12. Large, oddly formed flowers of white, pale yellow, pink, rose, crimson, orange and lilac, carried in long and great freedom. Pkt. 15c. **THE EVERBLOOMING NEMESIA**—(8)18. Pretty flowers of white or blush, always with touch of gold, carried in continuous succession for months. *Nemesia foetens*. Pkt. 15c.

\* **NEMOPHILA MIXED**—ekt(2)8. Wide, handsome flowers, sky blue, pure white, or white with purple splashes. Easy and showy if sown early. Pkt. 10c; 1/8 oz. 20c; 1/4 oz. 35c.

1 **NEPETA MUSSINI**—ergx(2-4)10. Blue-lavender flowers in spraying panicles over wide mounds of silver-gray foliage. Excellent, long-blooming rock garden or edging perennial. Sometimes used, too, as undercover for bulb plantings. Pkt. 15c; 1/8 oz. 25c; 1/4 oz. 40c. Plants, each 40c; 3 for \$1.10.

3 **NERINE FILIFOLIA**—One of the prettier bulb-flowers, blooming in autumn surprise along with the *Chrysanthemums*. Airy blossoms with petals crinkle-cripsed, in open circlets on foot-high stems, bright carmine buds unfolding to sparkling pink. It cuts well. In the North, dig the bulbs in late autumn, and carry over winter in a frost-proof place, packed in dry sand. Makes a good pot bulb, too. Bulbs only, spring delivery, 3 for 50c; 10 for \$1.35.

\* **NICANDRA PHYSALODES**—ebx(2-4)40. Easily grown old-fashioned Annual, with upfacing blossoms of bright blue, white centered. Then come curious fruits, not edible. Sometimes called Shoo-fly Plant. Pkt. 10c; 1/8 oz. 20c.

1 **OMPHALODES VERNA**—(1)5. Lovely flowers of rich, deep blue, reminder of *Forget-me-nots*, are set all about on the short, straying stems of this delightful low perennial. Right for the rock garden. One of the earlier spring bloomers. Plants, each 50c; 3 for \$1.40. Also can supply plants of the delightful **PURE WHITE** form at each 50c; 3 for \$1.40.

1 **ONOSMA**—rdkt(3). Nodding bugles of flowers in arching sprays. **ALBO-ROSEUM**—Rosedrop. It opens white, deepening to rose. 8 seeds for 25c. **TAURICUM**—Gold-drop. Many narrow bells in waxen lemon gold, over gray-frosted foliage. Pkt. 20c. Plants, small one-year, each 45c.

**OSTROWSKIA MAGNIFICA**—Great Caucasian Bellflower. Stately, tuberous-rooted perennial to five feet, with many bell-blossoms of soft lilac four inches across. Needs full sun and good drainage. In cold areas, winter-protect with straw. *Illustrated opposite*. Root-tubers, each \$1.50.

5 **OLEANDER DOUBLE PINK**—The Oleander, *NERIUM*, is a rather easy plant of spectacular beauty when well grown. Usually handled in the north as a large pot or tub plant, set outside on open porch, terrace or lawn for summer blooming, being wintered in light cellar or cool greenhouse, or, of course, the plants may be grown year-around under glass. Quite small plants will give good flowers. We offer plants of a sort with fully double, deep pink blossoms. Each 80c; 3 for \$2.25.

\* **ANNUAL OXALIS**—x. These three are not bulbs, but fibrous-rooted, somewhat tender perennials, so quick from seed to flower that they are usually grown as Annuals. **ROSEA**—Pretty rose pink blossoms. Edging, bedding, porch boxes, or as a pot plant. Pkt. 20c. **VALDIVIENSIS**—Showy, bright yellow flowers, with brown markings. Chile. Pkt. 15c. **CORNICULATA ATROPURPUREA**—Grown for the rich, copper-bronze foliage, effective in beds, or as edger. Pkt. 15c.

## \* ROSY WINGS (Othake)

One of the newer Annuals, and a very good and distinctive one it is. Inch-wide blossoms are carried in corymbose clusters. Each flower has a densely double center, encircled by wing-like, lobed petals, all in a most pleasing silvery pink. Easy to grow, and free-blooming; flowers for months. It is *Othake sphacelata*. Pkt. 20c.

## ORCHIDS

We expect to have seeds of many Orchid species, both of the hardy native species and of the tender conservatory kinds, *Cymbidiums*, *Dendrobiums*, *Vandas* and the like. The seeds are ready at intervals throughout the year, and will be offered in issues of our **RARE-FLOWER BULLETIN**. If you are interested, please ask for the Bulletin. See also **BLETILLA** and **EPIDENDRUM**, this catalog.





**2 OSCULARIA DELTOIDES**—Rather good pot plant with deltoid, succulent, blue-green leaves and pretty rose-colored flowers. Hanging baskets, porch boxes. Plants, each 40c.

\* **OXYPETALUM CAERULEUM**—Southern Star. See page 2.

**1 PACHYSANDRA TERMINALIS**—Low, evergreen perennial that will form thick mats of glossy foliage. Sun or light shade. Excellent ground cover, or may be used in rock garden. Plants, each 35c; 3 for \$1.00; 10 for \$3.00; 25 for \$6.90.

**2 PANDANUS VEITCHI**—Decorative pot plant that is both easy and handsome, with its long, narrow, tooth-edged leaves of shining green, margined silvery white, all in spiral arrangement. Screw-Pine. Plants, each \$1.00.

**2 THE BLUE OXALIS**—\*ew. Though usually so-called, **PAROCHETUS COMMUNIS** is not an Oxalis at all, the flowers resembling fairy-size Sweet Peas in a blue that hints of buff and pink, above straying mats of miniature clover leafings. Usually grown as a pot plant, but in summer it may be set in the rock garden or by a pool. Pkt. 20c; 3 for 50c.

## ORNITHOGALUM DIVERSITIES

Showy, easy bulbs, for garden or pot culture.

**3 SAUNDERSIAE**—ecx(3-4)80. The Giant Summer Ornithogalum is a truly spectacular garden bulb-flower, to be given Gladiolus culture and handling throughout. From handsome rosettes of glossy leaves rise sturdy stems from 3 feet in young flowering bulbs to as much as 7 feet in older ones. The stems end in great flower clusters that open successive buds over a period of months. The blossoms are relatively large, waxy petals of creamy white about a center-boss of olive black. Long-lasting when cut, strikingly decorative in the garden. Seeds, pkt. 20c;  $\frac{1}{16}$  oz. 40c;  $\frac{1}{8}$  oz. 70c;  $\frac{1}{4}$  oz. \$1.25. Bulbs, blooming size, spring delivery, each 40c; 3 for \$1.10; 10 for \$3.00. We can also supply a few super-size bulbs that will quickly produce flowering plants of maximum size and showiness, each 60c; 3 for \$1.65.

**4 THYRSOIDES**—w. Chinkerichiee. Clustered, fragrant blossoms on 18 inch stems. An easy, beautiful bulb-flower for winter pot culture. Seeds germinate quickly, and plants will be giving flowers in 8 or 9 months. Sow in spring for flowers all the following winter. Long lasting when cut. Not hardy in the garden. Pkt. 20c; 3 pkts. for 50c; 10 pkts. for \$1.60.

**3 PYRAMIDALE**—k(2)25. Here is a species of reasonable winter hardiness in the North. Long racemes of white flowers, the petals keeled green. Pkt. 20c.

## 3 GARDEN OXALIS

The dainty, colorful blossoms of the garden Oxalises open in long, profuse succession, giving months of bloom. All are good in the rock garden, or for edgings, bedding, window boxes. In autumn dig and store, as you would Gladiolus.

**DIEPPI ALBA**—9 inches. A delightful species excellent for edging, good in the rock garden, or for bedding. Attractive foliage densities, set over with a profusion of little white flowers. 10 for 30c; 25 for 65c; 100 for \$2.25.

**TETRAPHYLLA**—10 inches. Old rose flowers above brown-banded giant "four-leaf-clovers". Illustrated opposite. 10 bulbs for 35c; 25 bulbs for 75c; 100 for \$2.50.

**LATIFOLIA**—9 inches. A desirable species. An enormous profusion of little blue-lavender flowers, over good foliage. 10 for 30c; 25 for 65c; 100 for \$2.25.

**LASIANDRA**—18 inches. Larger blossoms of rosy crimson above distinctive, wheel-like foliage. A showy, everblooming garden bulb, handsome all season long, and large enough so that it gives good effect in groups near the front of a mixed border or foundation planting. Also forces well for winter bloom, the only species here that may be used either for summer or for winter flowering. Bulbs are naturally larger than those of the others. Bulbs, spring or autumn delivery, 10 for 40c; 25 for 85c; 100 for \$3.00.

**OFFER 148AN9**—10 bulbs each of the four kinds for \$1.15.



**PEPPERS ORNAMENTAL MIXED**—Grown for the showy, diversely shaped and colored fruits. Makes an interesting, vivid pot plant, bright for most of the year. A specially selected European strain for decorative use. Pkt. 20c.

**2 PEPEROMIA OBTUSIFOLIA**—An easy pot plant, grown for the decorative effects of thick and shining green foliage. Always attractive, and of particular value in that it does well without direct sun, thriving in east or north windows. Plants, each 45c; 3 for \$1.20.

**2 PEPEROMIA COLUMBIAN MIXED**—w. All of the Peperomias make good pot plants, and among the species there are many pleasing variations in habit and in color and form of foliage. Pkt. 25c.

**1 PARADISEA LILIASTRUM**—cbkt(3)25. Paradise Lily. A fully hardy perennial with many flaring trumpet blossoms in snowiest white, somewhat effect of Madonna Lily, size scale reduced. Pkt. 20c;  $\frac{1}{16}$  oz. 35c;  $\frac{1}{8}$  oz. 60c.

**2 PASITHEA COERULEA**—w. A Chilean beauty for pot culture. In late winter come high, showy sprays of flowers in the deepest and richest of blues. Thrives best in temperatures on the cool side. Dormant in summer. Plants, being clusters of little tubers, each 40c.

**8 PASSIFLORA or PASSION FLOWER**—w. Handsome vines for greenhouse or conservatory, or in the open far south. **CAERULEA**—Showy, flowers definitely in blue effect, though with some white and a bit of purple about them. Pkt. 25c. **EDULIS**—Large purple-and-white flowers, followed by edible purple fruits. In pots, has been known to fruit at one year. Pkt. 25c. **MOLLISSIMA**—Big flowers of rich rose. Pkt. 25c. **OFFER 154A9**—One pkt. each of above for 65c. **PASSIFLORA BLEND**—Above, with others. Pkt. 25c.

**1 PATRINIA SCABIOSAEFOLIA**—ebcx(3-4)50. Golden Valerian. Fully hardy, attractive perennial for the mixed border. In late summer come high, airy sprays of little golden flowers. It cuts. Pkt. 15c. Plants, each 45c.

**2 PELARGONIUM**—Martha Washington Geranium—Rather large flowers, ground color of white, rose or red, with contrasting, pansy-like blotches. Seeds, 6 seeds for 25c; 28 seeds for \$1.00. For plants, see page 32.

**1 PAEONIA EMODI**—yt. Species Peony from the Himalayas with very good, quite large, single flowers. Usually pure white, sometimes red. Pkt. 20c.

**5 TREE PEONY**—yt. Giant flowers, single to double, in wonderful color range. Includes shades and tones not found in other Peonies. Becomes a true shrub, with woody branches. 4 seeds for 25c; 20 seeds for \$1.00.

**1 GARDEN PEONIES MIXED**—yt. Seeds saved from named sorts in full color range. Technically each seedling is a new variety. You may get one worth naming. Pkt. 15c;  $\frac{1}{4}$  oz. 35c.

**PEONY PLANTS**. Peony plants may be put out in the spring to some advantage, providing they are moved early, before actual growth has begun. They won't give typical flowers that year, but they should the next, thus gaining a bit over transplanting done the following autumn. We ship Peonies in spring up to April 30th. Orders received later are held for September shipment. See the **TREASURE CHEST OFFER** for list of Peonies available for spring delivery.

## \* PANSY 1

Our Pansy seeds are the result of long selection and careful growing. Some of it we produce ourselves. The rest of it comes from producers of fully proved dependability.

**TRIMARDEAU GIANT BEDDING**—Excellent mixture of large-flowered Pansies for mass effects. Wide color range, blossoms well marked. Pkt. 20c;  $\frac{1}{16}$  oz. 60c;  $\frac{1}{8}$  oz. \$1.00.

**MASTERPIECE RUFFLED**—Flowers so deeply ruffled and crinkled that they sometimes appear double. Mostly rich, deep shades. Pkt. 25c;  $\frac{1}{16}$  oz. 75c;  $\frac{1}{8}$  oz. \$1.40.

**EARLY-FLOWERING HARDY**—Hiemalis strain. Exceptionally rugged. Will bloom earlier in the spring, and withstand more cold weather than will most other Pansies. Good color range. Pkt. 20c; 3 pkts. for 50c; 10 pkts. for \$1.50.

**SUPER-SWISS GIANTS**—Flowers of very large size, on sturdy plants. Deep, rich shades, reds, salmon rose, purple velvets and the like with contrasting blotchings. Pkt. 40c;  $\frac{1}{32}$  oz. 60c;  $\frac{1}{16}$  oz. \$1.00;  $\frac{1}{8}$  oz. \$1.90.

**TRIUMPHANT BLEND**—Here, if you grow it well, you should reach ultimate in Pansy size, with widest range in Pansy colorings. Vigorous, robustly stemmed plants carry enormous, rounded blossoms with broad, thick petals. The colors are brilliant and varied, and there will be a proportion with contrasting markings. Here are Pansy aristocrats. Pkt. 50c;  $\frac{1}{32}$  oz. 75c;  $\frac{1}{16}$  oz. \$1.40;  $\frac{1}{8}$  oz. \$2.70.

**OFFER 149A9**—One pkt. each of the five strains for \$1.40.



**BOOKS**—For the commercial grower. **PROPAGATION OF PLANTS**—Kains and McQuestion. Latest methods. Detailed. Authoritative. \$4.00. **COMMERCIAL FLORICULTURE**—Bahr. 646 pages of information for the retail grower-florist. \$6.00. **THE NURSERY MANUAL**—Bailey. Every nurseryman needs it. \$5.00. **THE BOOK OF SHRUBS**—Hottes. Descriptions, propagation, uses, care. 437 pages. \$4.00. **COMMERCIAL FLOWER FORCING**—Laurie and Kiplinger. Detailed; informative. Includes marketing. 598 pages. \$4.75. **HOW TO INCREASE PLANTS**—Hottes. Plant propagation ways for both beginner and professional. Ready spring 1949. \$3.00.

\* **PENSTEMON ANNUAL GIANTS**—ebkt(2-4)35. The gorgeous flowers remind in form and in erratic, brilliant colorings of Gloxinia. It can be very beautiful. Effective in beds and borders, or for cutting. May also be grown as a pot plant. Blooms freely as an Annual from early sown seed, but actually it is a somewhat tender perennial, and with careful protection may be often wintered over outside. Pkt. 20c; 3 pkts. for 50c; 10 pkts. for \$1.50.

## 1 THE HARDY PENSTEMONS

Greatly showy winter-hardy perennials for border, rock garden or cutting garden. "kt" culture. **AMBIGUUS**—(2)20. Slender, many-stemmed plants with leaves narrow and linear. The blossoms are of rather flattened form, upfacing, white, but with rosy throats and tubes. A most attractive rock garden and bedding perennial. Pkt. 20c; 1/8 oz. 50c. **ANTIRRHINOIDES**—(3)50. Flowers of bright yellow. Less hardy than the others. Pkt. 20c. **AZUREUS**—(3)36. Handsome blossoms, blue to violet. Pkt. 20c. **BARBATUS RED**—(3-4)60. Bright red flowers in slender, branching racemes. Easy, showy. Pkt. 15c; 1/8 oz. 40c. Plants, each 40c. **COBAEA TYPICA**—(3)28. Blossoms particularly large, soft lavender with purple markings. Makes great sheafs of handsome flowering. *Illustrated opposite*. Pkt. 15c; 1/8 oz. 40c. Plants, each 45c. **COBAEA OZARK FORM**—Flowers of largest size in the very deepest and richest of royal purples. It is truly superlative. Pkt. 25c; 3 pkts. for 70c; 10 pkts. for \$2.00. **CENTRANTHIFOLIUS**—(3)30. Called Scarlet Bugler from the bugle-shaped, brilliantly colored blossoms. Pkt. 20c. **CALYCOSUS**—(3)50. Big, handsome clusters of lilac to purple flowers. Pkt. 20c; 1/16 oz. 35c. Plants, each 45c. **CONFERTUS BLUE**—(3)28. Showy clusters of deep blue. Long-lived perennial of much beauty. Pkt. 15c; 1/16 oz. 25c. **CORDIFOLIUS**—z(3)50. Arching sprays of crimson flowers. Pkt. 20c. **CYANANTHUS**—(3)36. Many big flowers of bright blue. Pkt. 20c. **DIGITALIS**—(3)35. Vigorous, easy species with pretty flowers of silvery lavender. Pkt. 15c; 1/8 oz. 35c. **EATONI**—(3)25. A rather pretty species with blossoms of silvery carmine, but it will require winter protection from Philadelphia north. Pkt. 20c. **ERANTHERA**—(2)12. Gay early bloomer with many bright blue-purple flowers. Pkt. 15c; 1/16 oz. 25c. **GLABER MIXED**—(3)20. Big flowers in blue, pink, mauve, lavender, rose. Foliage blue-glaucous. Pkt. 20c. **GORMANI**—(3)12. The Alaska Penstemon. Branching, dark green plants with pretty purple flowers. Pkt. 20c; 1/16 oz. 50c. Plants, each 50c. **GRANDIFLORUS**—(3)40. Big trumpets, pure blue to orchid lavender, in towering spires. Pkt. 20c; 1/8 oz. 35c; Plants, each 45c; 3 for \$1.20. **HAVARDI**—(3)25. Texas Snapdragon. Spikes of pretty flowers, rose to red. Pkt. 20c. **MISSOULIENSIS**—(P. coelestinus)(2)12. Particularly good species with flowers close to sky blue. Pkt. 20c. **MURRAYANUS**—(3-5)60. Towering panicles of radiant scarlet. A long bloomer. Foliage blue-glaucous. Pkt. 20c. **UNILATERALIS**—(3)25. Flowers rosy lilac to brightest blue, in one-sided spikes. Pkt. 15c. **OVATUS**—(3)30. Decorative clusters of attractive blue-lavender flowers. Foliage becomes crimson in late autumn. Pkt. 20c; 1/16 oz. 35c. Plants, each 45c; 3 for \$1.20. **POLYPHYLLUS**—(Nitidus)(1-2)8. Fine early-bloomer, spikes of brightest blue rising from foliage that is blue-glaucous, crispy-succulent. Rock garden, edging, pot culture. Pkt. 20c; 1/16 oz. 35c. **SPECTABILIS**—(3)40. Attractive flowers of deep rose. Pkt. 20c. **WHITE HYBRID**—(3)36. High clusters of very good white blossoms. Pkt. 20c. **WILCOXI**—(3)50. Tall racemes of handsome flowers, mauve pink to bright blue. Pkt. 20c. **OFFER 155A9**—One pkt. each of the above Penstemons for \$4.40.

**PENSTEMON BLEND**—Those above with others as good. See Treasure Chest. Pkt. 15c; 1/16 oz. 25c; 1/8 oz. 40c.



**PENSTEMON SPECIOSUS**

## EVERBLOOMING PENSTEMONS

This group starts flowering in June, and keeps in pretty continuous bloom from then until late in autumn, colorful blossoms on a mass production basis. Fairly hardy, but not quite as safely so as are most other Penstemons, so a winter covering of straw or litter is advisable in climates colder than that of Philadelphia. **PINK BEAUTY**—30 inches. Airy sprays in purest shell pink. Delight in border, or for cutting. Plants, each 50c; 3 for \$1.40. **GARNET**—25 inches. Greatly showy. Graceful sprays of rather large flowers in glowing garnet red, from June into November. Plants, each 50c; 3 for \$1.40; 10 for \$4.25. **ROSE ELF**—28 inches. New ever-bloomer with blossoms of most pleasing coral rose. Plants, each 55c; 3 for \$1.50. **OFFER 156AN9**—One plant each of the 3 for \$1.45.

## \* PETUNIA DELIGHT



**PETUNIA COBAEA**

From early June days, right on through hot suns of summer, and far into autumn, the Petunias hold their display of garden color. Unexcelled for bedding, desirable for border edgings or other decorative plantings, and of course, among the better Annuals for porch or window box display. The fringed forms and the showy, long-lasting doubles are often grown as pot plants.

**SALMON SUPREME**—The blossoms open rich salmon coral, becoming purest salmon pink, the loveliest color tone found among Petunias. A dwarf, exceedingly free-blooming sort. Pkt. 20c; 3 pkts. for 50c.

**VIOLET BEAUTY**—Big ruffled blossoms in fringed effect, velvety blue-violet, deepening in the throat to a rich, near-black effect. Flowers may be 5 inches or more in diameter. Pkt. 25c; 3 pkts. for 70c; 10 pkts. for \$2.00.

**PETUNIA DELIGHT BLEND**—About the finest possible blend of bedding Petunias, for we have started with the "best" blend of one of the leading growers and have rectified it by adding seeds of the more desirable, lighter, brighter color tones from separately grown stock, bringing the whole into a balance, that, at least, meets our own high requirements of what we have always wanted in a mixture of dwarf, bedding Petunias. Pkt. 15c; 1/16 oz. 30c; 1/8 oz. 50c; 1/4 oz. 90c.

**GIANT FRINGED MIXED**—Giant flowers so excessively frilled and ruffled that, although single, they may seem almost double. Blossoms to 5-inch diameters in full color range, richest in the desired salmon pink and soft rose shades. Well-branched 18-inch plants. Pkt. 25c; 3 for 70c.

**GIANT FRINGED DWARF**—Magnificent strain. Like last in colors, fringing and form, but plants shorter and more compact, so suited to use in edgings, low beds, window boxes, pots. Pkt. 25c; 3 pkts. for 70c; 10 pkts. for \$2.00.

**PEERLESS DOUBLE-FLOWERED**—A superb blend, the very best in double-flowered Petunias. Blossoms will range from those of most intense close doubleness to more graceful, looser, ruffled doubles of truly giant size, and the colorings will cover the full range of Petunia desirabilities, richest of course in the pleasing shades and tones that lie between salmon pink and rose. Pkt. 60c; 3 for \$1.70.

**OFFER 157A9**—One pkt. each of above for \$1.70.

Earth is life; a garden is happiness.

**2 PHILODENDRON CORDATUM**—Graceful foliage pot plant, semi-trailer or low vine of glossy green. Will even grow in water-filled wall vases in positions the sun seldom reaches. Each 40c; 3 for \$1.10; 10 for \$3.00.

\* **PERILLA FRUTESCENS CRISPA**—eobx(9)40. Easy Annual, grown for the rich color effect of the foliage, big leaves of deep maroon with bronzed metallic sheen, the margins cut, crisped and undulate. Pkt. 15c; 1/8 oz. 25c.

**1 PEROVSKIA ATRIPLICIFOLIA**—The Silver or Afghanistan Sage, a most charming plant. The silveriness of the finely cut foliage merges into a snowy downiness. Flowers of lavender in a silvery haze. North, it is handled as an herbaceous perennial, fully root-hardy, making a rapid growth each spring, and blooming freely on the new stems. 65 inches. Plants, each 75c.



\* **PHACELIA BLEND**—ek(2)10. These pretty, annual Blue-bells come into flower with remarkable speed. Varying blue and purple shades. Pkt. 15c;  $\frac{1}{16}$  oz. 25c.

1 **PHLOMIS**—ebx. Easy border perennials of considerable showiness, full hardiness and long life. **FRUTICOSA**—50 inches. Showy. Whorls of dusky yellow flowers. Pkt. 20c. **PURPLE MIXED**—50 inches. Vivid purple flowers, whorl above whorl. Good. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. Plants, each 45c.

2 **PHLOGACANTHUS THYRSIFLORUS**—w. Handsome large pot plant with beautiful orange flowers in rather dense spikes. Pkt. 25c. Plants, each \$1.00.

## 1 PHLOX PERENNIAL

**BIFIDA**—(2)6. Excellent low species with large flowers, petals deeply cleft. Tones of mauve, lavender and blue, or sometimes white. Pkt. 20c. Plants, each 45c.

**DIVARICATA**—rsty(2)12. Wild Sweet William. In May, great spreads of glorious blue-lavender. Pkt. 15c;  $\frac{1}{16}$  oz. 35c;  $\frac{1}{8}$  oz. 65c. Plants, each 45c; 3 for \$1.25; 10 for \$3.75.

**OVATA PULCHRA**—(3)15. Low, semi-decumbent with wide leaves, and flowers of delicate pastel pink. We like this one very much. Plants, each 50c; 3 for \$1.40.

**PILOSA**—(2-3)16. Much-branched, ball-like plants long filled with blossoms of brilliant electric-purple. Young plants, each 45c; 3 for \$1.40.

**STOLONIFERA**—Shade-loving mat-former, increasing by stolons. In spring come loosely branched sprays of carmine rose on six-inch stems. Plants, each 45c; 3 for \$1.25.

**TALL SUMMER PHLOX**—Here are the tall Phloxes of our summer gardens, varieties of *Phlox paniculata*. Heights range from 30 to 40 inches. Gay-hued, big-panicled, and of easiest cultural requirements, they are among the more satisfactory of hardy summer perennials. Good, single-crowned plants available at **UNIFORM PRICE** of each 45c; 3 of one kind for \$1.25; 10 of one kind for \$3.85. **LILIAN**—Massive panicles of purest, unstained pink. **HARVEST FIRE**—Brilliant salmon orange. Vigorous and showy. **PURPLE HEART**—Rich blue-purple with darker centers. **EUROPE**—Blossoms pure white, centered carmine. **FIRE-BRAND**—Vivid orange scarlet. Large trusses. **PANTHEON**—Excellent carmine pink. **GOLIATH**—Showy rose-scarlet, flowers in large, pyramidal panicles. **MARY LOUISE**—Fine, large-flowered pure white. Blooms late summer. **CAROLINE VANDENBURG**—Deep lavender, appearing true blue at dusk. **SPECIAL FRENCH**—Soft salmon pink, deeper at center. Large flower; large truss. **LEO SCHLAGETER**—A brilliant red, called the brightest Phlox. **VON LASSBURG**—Excellent, free-flowering pure white. **MORGENROD**—Dawn-sky red with wine tones. **SWEETHEART**—An attractive, soft apple-blossom pink. **OFFER 159AN9**—One plant each of the 14 kinds, with names, for \$5.65. **OFFER 161AN9**—One plant each of eight kinds, good color assortment, names attached, but our choice, for \$3.00.

**PHLOX PANICULATA SEED**—kt. Saved in mixture from better named sorts of the tall summer Phlox. Technically, each seedling will be a new variety. Pkt. 15c;  $\frac{1}{16}$  oz. 30c;  $\frac{1}{8}$  oz. 50c;  $\frac{1}{4}$  oz. 85c.

**PHLOX SUBULATA SEED**—kt. This low mat-former is quite variable from seed. Interesting new forms may appear. Pkt. 25c.

**PHLOX SUBULATA PLANTS**—Gay spring rugs of bright blossom and mossy foliage. **BLUE HILL**—Excellent blue-lavender. Each 45c; 3 for \$1.25; 10 for \$3.75. **MOERHEIMI**—Showy carmine rose, foliage rich and dense. Each 40c; 3 for \$1.10; 10 for \$3.35. **SNOWY WHITE**—Unmarked white. Each 45c; 3 for \$1.20; 10 for \$3.60. **CRIMSON BEAUTY**—Vivid, crimson-toned carmine with hint of purple. Formerly offered as variety Brilliance. Each 45c; 3 for \$1.25; 10 for \$3.70; 25 for \$8.50. **BRIDESMAID**—White, with rose-pink eye. Each 40c; 3 for \$1.10. **EMERALD CUSHION**—Flowers of brilliant rose pink. Foliage richly green and dense, year-through. Plants, each 45c; 3 for \$1.25. **LILACINA**—Soft blue-lilac blossoms of medium size. Splendid ground cover. Each 40c; 3 for \$1.10; 10 for \$3.35; 25 for \$8.00. **VIVID**—Bright pink, with deep pink eye. It has been called the loveliest Phlox. Each 45c; 3 for \$1.25; 10 for \$3.75. **OFFER 162N9**—One plant each of the above 8, together with one each of Camla and of Dixie Brilliant (below), 10 in all, for \$4.00.

**PHLOX NIVALIS CAMLA**—8 inches. A fine Nivalis with big flowers of pure, deep pink, foliage emerald green. Ever-blooming beauty. Plants, each 50c; 3 for \$1.40.

**PHLOX NIVALIS DIXIE BRILLIANT**—Big, showy flowers of richest Cyclamen red. Long in bloom. 7 inches. A fine form. Each 50c; 3 for \$1.40.

## \* PHLOX ANNUAL

Flame bright, summer-long, and as easy as ever an Annual may be. **ART-GIANT BLEND**—Flowers in half-dollar sizes, trusses massive. Varied pastel harmonies, mostly with center eyes. Pkt. 15c;  $\frac{1}{16}$  oz. 35c;  $\frac{1}{8}$  oz. 50c. **STARRED AND FRINGED MIXED**—Petals oddly painted, slashed, fringed. The gayest Phlox, colored in contrasting, intricate patterns. Pkt. 15c;  $\frac{1}{16}$  oz. 35c. **GRANDIFLORA BEAUTIES MIXED**—Large flowers in wide trusses. This group has the most extensive range of colorings. Pkt. 15c;  $\frac{1}{8}$  oz. 50c. **DWARF COMPACT MIXED**—6 inches. Plants low, wide, compact. Full range of vivid colorings. Edging. Bedding. Pkt. 15c. **OFFER 158A9**—One pkt. each of the four for 50c.

## PHYGELIUS or CAPE FUCHSIA

Above glossy evergreen foliage rise uniquely fashioned blossom panicles, set gracefully with somewhat curved blossoms of glowing rose-scarlet. *Illustrated opposite*. With some protection of straw **PHYGELIUS CAPENSIS** has wintered safely at Old Orchard for more than ten years. Sometimes grown as a pot plant, too. Pkt. 25c. Plants, each 75c.



## 9 BLUE SPRUCE

The Blue Spruce, **PICEA PUNGENS GLAUCA**, is one of the more desirable ornamental Evergreens, effective as single specimens or in mixed plantings. Pyramidal trees with foliage of frosty or metallic blue. Not at all difficult from seed if sown in late autumn or early spring. Pkt. 25c; 3 pkts. for 70c. For seeds of other coniferous Evergreens, see *Treasure Chest*.

## 1 PLATYCODON

Wide bells of flowers open from interesting balloon buds. A particularly showy and easy hardy perennial. Blossoms may be deep blue, blue-suffused white, pure white, and, in a newer variety, pink. **PRAECOX GIGANTEA**—50 inches. Exceedingly large and showy flowers. Usually, but not always, blue. Pkt. 15c;  $\frac{1}{8}$  oz. 40c. Plants, each 40c; 3 for \$1.10; 10 for \$3.30. **MARIESI**—20 inches. A semi-dwarf with flowers usually single, sometimes duplex. Blue, white or azure-suffused. Pkt. 20c; 3 pkts. for 50c. **NEW SHELL-PINK**—Exquisitely tinted blossoms, blush to pure shell pink. Long in bloom. Pkt. 20c; 3 pkts. for 50c. Plants, each 45c; 3 for \$1.20; 10 for \$3.60. **OFFER 163A9**—One pkt. each of the three for 50c.

**GARDEN PLANNING SERVICE**—We plan perennial gardens and hardy borders to give harmonizing colors and seasonal bloom succession. A small fee is charged for this Garden Plan Service, a fee deductible in certain circumstances when the plants needed to fulfill the plan are purchased from us. If you are interested, write us for further information. You incur no obligation by doing that. We shall be glad to tell you more about the Garden Plan Service, and how to go about putting it to work for you.

6 **PODALYRIA SERICEA**—k(3)55. The Satin-bush of South Africa. Fragrant, rose pink blossoms that remind of Sweet Peas. Silvery, silky foliage. Hardiness undetermined. Pkt. 20c.

1 **PHYSALIS ALKEKENGII**—(Franchetti)—x(9)25. Chinese Lantern Plant. Grown for the showily decorative lantern-fruits. These become vivid scarlet and may be cut and dried for winter bouquets. Will need protection in cold areas. May be grown as an Annual by starting early under glass. Pkt. 15c;  $\frac{1}{8}$  oz. 25c.

1 **PHYSOSTEGIA** (Obedient Plant)—Hardy, easy perennials, showy in the border or for cutting. **VIVID**—30 inches. Many stems, each ending in a wide, dense spike of large flowers in brilliant pink. Long in bloom. Plants, each 45c; 3 for \$1.20; 10 for \$3.50. **VIRGINIANA ALBA**—40 inches. Definitely, one of the better white-flowered perennials for the mixed hardy border or for cutting. Pkt. 20c;  $\frac{1}{16}$  oz. 35c. Plants, each 45c; 3 for \$1.25; 10 for \$3.75. **VIRGINIANA PINK**—ebx(3)50. Fine perennial of full hardiness that will make a long display of bright pink flowers. Pkt. 15c;  $\frac{1}{16}$  oz. 25c.



**2 PLUMBAGO BEAUTY**—The true Plumbago are winter-tender North, but they make splendid everblooming house plants, or they may be plunged outside in summer in the manner of Geraniums. Do not confuse with *Ceratostigma*, sometimes incorrectly called Plumbago. **CAPENSIS**—Clustered flowers of brilliant azure blue, varying to pale blue, deep indigo or white. Rarely without bloom. *Illustrated opposite*. Pkt. 25c. Plants, each 45c; 3 for \$1.20.



## 1 POLEMONIUM or JACOB'S LADDER

Clustered flowers of decidedly a prettiness are carried by these satisfactory perennials, tolerant equally of sun and shade. **erstkt. CAERULEUM**—20 inches. Upright sheafs, flower-topped in brightest blue. Pkt. 15c;  $\frac{1}{8}$  oz. 25c. Plants, each 45c. **CARNEUM**—20 inches. Lovely bell-sprays, salmon pink to cherry rose. *Illustrated page 27*. Pkt. 20c;  $\frac{1}{8}$  oz. 40c. **REPTANS**—12 inches. Early, and exceedingly floriferous. The bushy, rounded plants become blossom mounds of soft china blue. Pkt. 20c; 3 pkts. for 50c. Plants, each 50c; 3 for \$1.40. **RICHARDSONI**—9 inches. A particularly fine dwarf blue, long-lived and hardy. Starts blooming just as Reptans is ending. Pkt. 20c; 3 pkts. for 50c. Plants, each 50c; 3 for \$1.40. **OFFER 164AN9**—One pkt. each of the four for 65c.

## \* GAY ANNUAL POPPIES

They will fill your garden with brilliant color harmonies. **GLAUCUM**—Showy Persian with flowers like bright red Tulips. Pkt. 15c. **SWEET BRIAR**—Exquisite rose pink, flowers loosely double. Pkt. 10c;  $\frac{1}{4}$  oz. 35c. **SHIRLEY SINGLE MIXED**—The original Shirley in dainty tones of blush, salmon, apricot, terra cotta, cherry and the like, often edged or shaded. Pkt. 10c;  $\frac{1}{4}$  oz. 30c. **SHIRLEY DOUBLE MIXED**—Like last in color range and silky petalage but here the flowers are double. Pkt. 10c;  $\frac{1}{4}$  oz. 35c. **AMERICAN LEGION**—Selection of the Flanders Poppy. Brilliant scarlet, white cross at base. Will naturalize. Pkt 10c;  $\frac{1}{4}$  oz. 25c; 1 oz. 65c. **OFFER 151A9**—One pkt. each of the above for 35c.

## 1 POPPY PERENNIAL

For brilliant, easy color, plant **PAPAVER**, the Poppy, in its hardy perennial form. "x" culture. **ALPINUM**—(8)8. Rock garden daintiness, petals fringed, in white, yellow, orange, near-scarlets. Everblooming. Pkt. 20c. **ORIENTAL HYBRIDS**—(2)36. Most gorgeous of hardy Poppies. Giant flowers in effulgent orange scarlet, with proportion of soft salmons, pinks, rose, crimson, mahogany and rarely white. Pkt. 15c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{2}$  oz. 50c. **PILOSUM**—(8)30. Olympian Poppy. Blossom-showers of apricot-orange. Pkt. 15c;  $\frac{1}{8}$  oz. 25c. **PILOSUM DOUBLE FLOWERED**—A particularly fine Poppy, long-lived, yet blooming first year. Flowers largely fully double but sometimes semi-double, bright salmon-orange. Pkt. 20c. **OREOPHILUM**—(2)16. This hardy wide-clumped mountain species carries big flowers of golden salmon. Pkt. 20c. **LATERITUM**—(2)20. Another Armenian. Large flowers of clear salmon remain open all day. Long-lived. Pkt. 15c. **NUDICAULE COONARA**—(8)25. Delightful pink tones, blush to rose. Pkt. 15c;  $\frac{1}{8}$  oz. 35c. **NUDICAULE YELLOW WONDER**—(8)25. Big, cup-shaped blossoms in lemon to buttercup yellow. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. **NUDICAULE EMPRESS**—(8)26. Creamy pink to salmon rose, petals crinkly. Pkt. 15c. **ICELAND PEERLESS BLEND**—All that is best in the Nudicaule section, varied yellows, buffs, orange, white, pink tones, rose, cardinal, are gathered here. Pkt. 15c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{2}$  oz. 40c;  $\frac{1}{4}$  oz. 75c. **OFFER 152A9**—One pkt. each of above for \$1.45.

**ORIENTAL POPPY PLANTS**—Best handled during dormant period, late July until early September, and orders will be held for shipment then. Minimum order for shipment at one time is value \$2.00, but this may include Irises, or other plants suitable for August shipment. **MRS. PERRY**—Big flowers in lovely orange-apricot. Each 55c; 3 for \$1.50. **HELEN ELIZABETH**—Deeply crinkled petals of soft La France pink. Each 60c; 3 for \$1.60. **MANDARIN**—Glowing orange scarlet. Each 55c; 3 for \$1.50. **JEANNE MAWSON**—Bright and sparkling Geranium pink. A profuse bloomer. Each 60c; 3 for \$1.60. **HENRI CAYEUX IMPROVED**—Big flowers of old rose, shaded burgundy. Each 60c; 3 for \$1.60. **CAVALIER**—Rich, deep red. Each 60c; 3 for \$1.60. **CERISE BEAUTY**—Brilliant cherry cerise. Each 65c. **OFFER 153AN9**—One plant each of the seven for \$3.50.

**2 PALMS**—w. We offer two species here, suitable for large pot or tub culture. **PHOENIX RECLINATA**—Decorative species with feathery foliage. **PHOENIX TENUIS**—Like last, but more slender. Either species, 6 seeds for 25c; 30 for \$1.00.

**1 PODOPHYLLUM**—rbstk(1). May Apple. Two shade-loving perennials, attractive in both flower and fruit. **EMODI**—12 inches. Himalayan species with pink-flushed white flowers and egg-shaped edible fruits of brilliant red. Bronzy foliage. Pkt. 20c. **PELTATUM**—18 inches. American May Apple. Waxy, cream-colored flowers and edible, lemon-tinted fruits. Pkt. 15c;  $\frac{1}{8}$  oz. 25c.

**2 PORTULACARIA AFRA**—A decorative pot plant. Thick and glossy rounded leaves are paired along the many branching stems, these red-toned and succulent. Each 40c.

**1 POLYGONELLA AMERICANA**—rbkt(4)20. A very lovely hardy flower. Low masses of "juniper" foliage. In autumn come sprays of airy flowers until the whole is like a mound of fluffy new snow, the lacy blossoms finally becoming blush tinted. As beautiful as an Astilbe. Pkt. 20c; 3 pkts. for 50c. Plants, each 55c; 3 for \$1.50; 10 for \$4.65.

## POLYGONUM DIVERSITY

Four very different, very good species, all needed. **1 AFFINE**—Tufted rock garden or edging perennial, foliage becoming red in autumn. In summer, dense spikes of rose-red flowers. Plants, each 45c; 3 for \$1.25. **REYNOUTRIA**—rgkt(3-4)12. Rock garden, edging, bedding. Low, branching, red-stemmed plants, rich crimson in autumn. In September covered with lacy, pale pink flowers. Pkt. 20c. Plants, each 60c. **7 AUBERTI**—Silver Lace Vine. Rapid grower, beautiful in bloom. All autumn it is a drapery of lacy, fragrant white flower sprays. Plants, each 70c. **CAPITATUM**—ergk(3-5)5. Pretty, everblooming Annual, making wide, close carpets of green-and-red foliage, set for months with fluffy blossom-globes of soft pink. Attractive bedder, or rock garden filler. Pkt. 20c.

## 1 POTENTILLA or CINQUEFOIL

Pleasant, long-enduring perennials that every garden needs. "kt" culture. **AMBIGUA**—(2)4. Dainty Himalayan for the rock garden. Mats of shining leaves set with golden flowers. Pkt. 25c. **NEPALENSIS**—(8)14. Showy long-bloomer. Fountain-shaped plants carry lovely blossoms in varied tones and shades from salmon pink to rose crimson, often with darker center. Pkt. 20c;  $\frac{1}{8}$  oz. 50c. Plants, each 50c; 3 for \$1.40; 10 for \$4.25. **DELPHINENSIS**—(1)8. This altogether beautiful species blooms in early spring, the plants becoming mounds of brilliant golden orange. Particularly good. Pkt. 20c;  $\frac{1}{8}$  oz. 40c. Plants, each 45c; 3 for \$1.25; 10 for \$3.75. **TRIDENTATA**—(8)6. Densely bushy, neatly upright plants with dark green foliage and white blossoms. Plants, each 45c; 3 for \$1.40. **NEVADIENSIS**—(3)4. Low, wide, silvery-leaved species from Spanish Mountains. Soft yellow flowers. Pkt. 25c. Plants each 50c. **NITIDA**—(2-3)3. Flat, silvery mats, set with pink to rose blossoms. Pkt. 20c. **PEDUNCULARIS**—(2)12. Feathery, silvery foliage and golden flowers. Pkt. 15c. **WHITE BEAUTY**—(3)16. Fountains of snowy blossoming. Autumn foliage becomes bronze maroon. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. **CHRYSANTHA**—(2)9. Many fairly large flowers, as golden as their name implies. Pkt. 15c. **ROUILLARD**—12 inches. Fully double blossoms, the rich red petals margined and splashed buff yellow. Long in bloom. Plants, each \$1.00. **TONGUEI**—A trailing, everblooming extravagance of coppery apricot blossoming, each petal touched with crimson at base. The color deepens as the weather grows cooler. Flowers June to November. Botanically *P. tormentillo-formosa*. Plants, each 50c; 3 for \$1.40; 10 for \$4.25. **VERNA NANA**—(2)4. A pretty miniature for the rock garden. Blossoms of soft yellow. Plants, each 45c; 3 for \$1.40. **THURBERI**—Flowers deep maroon at center, cherry at petal edges. Dark green foliage. Rare, and good. Pkt. 20c; 3 pkts. for 50c. Plants, each \$1.00. **STOLONIFERA**—(2)8. Golden orange blossoms with red spot at each petal base. Attractive, shining foliage. Makes wide mats, with rooting runners in manner of strawberry. Recommended for ground cover in sunny positions. Plants, each 45c; 3 for \$1.20. 10 for \$3.60. **WARRENSI**—(3)20. Massed blossoms in early summer, of a most intense, golden richness. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. **OFFER 165A9**—One pkt. each of above as offered in seeds, for \$1.70. **OFFER 166AN9**—One plant each of the nine kinds so offered, for \$4.75.

**POTENTILLA PEERLESS BLEND**—Just the better kinds, a splendid color-wide blend. Pkt. 20c; 3 pkts. for 50c.

**POTENTILLA DOUBLE BLEND**—Seeds saved from varied double-flowered sorts, many of them Hybrids. Varied colorings. Pkt. 30c.



2 **POTHOS AUREUS**—Attractive semi-trailer to be grown as a house plant in manner of Philodendron often will thrive in poorly lighted positions. Deep green foliage, marbled yellow. Each 45c.

## 1 GARDEN OF PRIMROSES

To enrich your garden with Primroses, give them a deep, moist soil, coolness, perhaps a bit of shade. Mulching between the plants with grass clippings or straw will help. Culture "kt".

**AURANTIACA**—(2)14. Ruddy orange blossoms in tiered umbels. Pkt. 25c.

**AURICULA**—In early spring come fragrant blossoms in rounded umbels. Colorings bright and varied, usually with center eye. Pkt. 25c; 1/32 oz.

45c. **BULLESIANA HYBRIDS**—Desirable hardy strain, illustrated opposite. Varied colors, orange to purple, with pink, carmine, violet. Pkt. 25c.

**DENTICULATA**—15 inches. Dense clusters of handsome blossoms, lilac, lavender, mauve. Early. Pkt. 25c.

**DENT. CACHEMIRIANA**—Like last, but blossoms deeper blue-purple, with yellow eye. Plants, each 45c; 3 for \$1.25.

**ELONGATA**—10 inches. Tight umbels of golden flowers. Pkt. 25c.

**ELWESIANA**—7 inches. Large, fringed violet flowers. Rare. Pkt. 25c.

**FLORINDAE**—45 inches. Sulphur yellow flowers in terminal clusters. Striking. Pkt. 20c; 1/32 oz. 40c.

**JAPONICA BLEND**—25 inches. This Primula is both easy, and altogether beautiful. Towering sprays, white, cherry, rose, scarlet, coppery crimson. Pkt. 20c; 1/16 oz. 45c; 1/8 oz. 80c. Plants, each 45c; 3 for \$1.25; 10 for \$3.80.

**KINGI**—8 inches. Satiny blossoms, scarlet to claret. Pkt. 25c.

**OBLIQUA**—8 inches. Nodding flowers, white, cream, primrose yellow, sometimes faintly pink-suffused. Pkt. 25c.

**PULVERULENTA**—30 inches. Fine hardy species with umbels of large flowers, crimson to rosy red, with orange eye, carried on silvery-powdery stems. Pkt. 20c; 1/16 oz. 60c.

**PULVERULENTA BARTLEY STRAIN**—The last with increased color range, from pink and rose, to red, with white. Pkt. 25c; 3 pkts. for 70c.

**ROSEA GRANDIFLORA**—9 inches. Great clusters of rosy carmine. Illustrated opposite. Pkt. 25c.

**ROYLEI**—6 inches. Fragrant purple flowers over crinkly leaves. Pkt. 25c.

**SIEBOLDI**—8 inches. Handsome hardy Primrose that adapts itself well to our conditions. Clusters of large flowers that may be white or violet, sometimes pink, rose, red. Pkt. 25c; 1/32 oz. 35c. Plants, each 45c; 3 for \$1.25; 10 for \$3.85.

**VERIS LARGE YELLOW**—Big clusters of large and showy flowers in varied yellows. Pkt. 20c; 3 pkts. for 50c. Plants, each 45c; 3 for \$1.25.

**WATTI**—6 in. Fringed purple bells. Foliage silvery-shaggy. Pkt. 25c.

**JULIAE WANDA**—(2-3)4. Colorful long-blooming mat-former. Rich and velvety violet purple flowers on short, upfacing stems. Plants, each 60c; 3 for \$1.60.

**OFFER 170A9**—One pkt. each of above as offered in seed form, for \$3.45.

**OTHER HARDY PRIMULAS**—Not room to describe all. See also Treasure Chest. Burmanica, 25c; Bulleyana 20c; Chionantha 25c; Capitata 20c; Farinosa 20c; Helodoxa 20c; Littoniana 35c; Microdonta violacea 25c; Sappharina 25c; Sikkimensis 20c; Smithiana 20c; Vaginata 20c; Waltoni 25c.

**OFFER 167A9**—One pkt. of each for \$2.70.

**PRIMULA AVALON BLEND**—Widely, inclusive blend, the above, with others. Pkt. 20c; 1/32 oz. 55c; 1/16 oz. \$1.00.

## 1 PRIMULA POLYANTHUS BLEND

Here are gorgeous colorings, with full hardiness. The large flowers in upfacing clusters show self hues and tone variations in cream, yellow, mahogany, rosy orange, crimson, blue-violet, often with lacings of golden yellow. 6 to 8 inches. Plants increase from year to year, becoming large clumps. A Primula of much beauty, safe and sure for American conditions. Pkt. 20c; 1/16 oz. 75c; 1/8 oz. \$1.30. Plants, mixed colors, each 45c; 3 for \$1.20; 10 for \$3.60.

**POLYANTHUS RED-AND-GOLD**—A brightly colored and attractive strain with wide clusters of crimson flowers, each with wide golden eye. Plants, each 50c; 3 for \$1.40.



## 2 TENDER PRIMULAS

Here are kinds for pot culture, in sunny window or greenhouse. **MALACOIDES**—x. The Baby Primrose. Airy whorls of pretty flowers, mauve to heliotrope. Pkt. 20c. **OBCONICA GRANDIFLORA MIXED**—A profuse color varied, rich in salmons, pinks, reds. Pkt. 25c. **SINENSIS FIMBRIATA**—Chinese Fringed Primrose. Clusters of large, deeply fringed flowers in wide range of colorings. A good house plant. Finest Mixed. Pkt. 35c; 3 pkts. for \$1.00.

**TREASURE CHEST**—It is a supplementary offer, just names and prices, of some hundreds of rare kinds not in this catalog. If you wish it, ask for it.

**1 POLYGONATUM MULTIFLORUM**—David's Harp. Graceful, arching stems carry clusters of white "lily-of-the-valley" flowers, followed by deep blue berries. Shade or sun. 36 inches. Plants, each 65c; 3 for \$1.80.

\* **PORTULACA DOUBLE MIXED**—ex. Blossoms like little roses. Vivid scarlet, crimson, soft pink, white, buff and apricot, along with varied yellow and rose tones. Pkt. 15c; 1/16 oz. 40c; 1/8 oz. 75c.

\* **PORTULACA SINGLE MIXED**—ex. Big cup-flowers in full gorgeous color range of the doubles with certain additional pleasing tones. Pkt. 15c; 1/16 oz. 30c; 1/8 oz. 50c.

\* **PROBOSCIDEA BLEND (Martynia)**—ex(3-4)20. Rather easy Annuals with richly hued Gloxinia-like flowers in pink-toned ivory, rich rose with coppery bars, or yellow, marked cinnabar. The weird devil-claw pods may be dried for winter decoration. Illustrated page 27. Pkt. 15c; 1/8 oz. 25c.

**6 PROTEA CYNAROIDES**—w. Great, oddly formed flowers to 8 inches across, deep pink with crimson tips. Spectacular. Glass culture North. Large seeds, 4 for 25c.

**1 PRUNELLA GRANDIFLORA ALBA**—r(2-3)6. Many wide, thick spikes of pure white flowers rise from flat foliage mats. Very good rock garden or edging perennial. Plants only, each 45c; 3 for \$1.20; 10 for \$3.60; 25 for \$8.00. Can also supply plants of **PRUNELLA GRANDIFLORA BLUE** at each 45c; 3 for \$1.25.

**1 PTEROCEPHALUS PARNASSI**—rk(3)7. Cushions of silvery gray foliage are set freely with pretty blossoms like lilac pink Scabiosas. Excellent rock garden perennial. Pkt. 20c.

**7 PUERARIA THUNBERGIANA**—Kudzu Vine. Rapid grower. Large downy leaves and fragrant purple flowers. Fully root hardy. Pkt. 20c; 3 pkts. for 50c.

**2 PYCNOSTACHYS URTICIFOLIA**—ew(6-7)30. Sapphire-flower. Large pot plant. Each branch ends in a dense, tapered spike of luminous blue. Pinch back to keep compact. Pkt. 20c. Plants, each 40c; 3 for \$1.10.

**1 RANUNCULUS ACONITIFOLIUS**—mkt(2-3)30. Rather good waterside Buttercup with showers of starry white blossoms above masses of attractive foliage. Pkt. 15c.

**4 RANUNCULUS IMPERIAL**—rcbkt(w)20. (Ranunculus asiaticus.) The semi-double to intensely double flowers can make a magnificent showing; straw to gold, orange, scarlet, crimson, with pink tones, and others ringed or petal-tipped contrastingly. Recommended for pot culture but can also be planted in garden in earliest spring, the tubers to be dug in late fall and winter-stored. Pkt. 20c; 1/16 oz. 60c. Tubers, spring or fall, 4 for 25c; 18 for \$1.00.

**SPECIAL PYRETHRUMS**—These two are usually grown as annual edgers or bedders, being started early and transplanted. **PARTHENIUM AUREUM**—Called Gold Feather, from the finely cut feathery foliage. Attractive golden coloring in spring and early summer, later becoming green. Pkt. 20c. **PTARMICAEFLOREM**—Fine, feathery foliage of silvery white. Pkt. 20c.

## 1 VIVID PYRETHRUM

This is the colorful Pyrethrum of the gardener, but to the botanist it is *Chrysanthemum coccineum*. A fully hardy, summer-flowering perennial for border decoration or cutting. "kt" culture. **SINGLE MIXED**—Great single daisies in pink, rose, red, crimson or white. Pkt. 15c; 1/16 oz. 35c; 1/8 oz. 60c. Plants of Single Mixed, each 40c; 3 for \$1.10. **DOUBLE MIXED**—Same color range as last, but a high proportion, not all though, will be double with crested "Anemone" centers. Pkt. 20c; 1/16 oz. 50c. **RUBY SINGLES**—Mostly brilliant ruby red, but varying to crimson. Large flowers with many long-slender petals. Exceedingly showy. Pkt. 20c; 1/16 oz. 40c. Plants, each 45c; 3 for \$1.20.



**2 REHMANNIA ANGULATA**—w. Unusual pot plants, grown under glass for the showy bloom. Rather large flowers of bright scarlet with orange dots on lip. Blossoms remind of *Incarvillea*. Pkt. 25c.

**2 REINWARDTIA INDICA**—w. Tender plant, usually grown in pots under glass. Gives a profuse showing of rather Linum-like golden flowers. Valued for winter bloom. Pkt. 25c.



**1 RUELLIA CILIOSA**—\*erkt(2-4)15. Though it belongs to the *Acanthus* family, the blossoms remind of *Petunias* in silvered sky blue. Each day there is a new flower display. Long in bloom. Illustrated opposite. Pkt. 15c;  $\frac{1}{16}$  oz. 35c. Plants, each 45c; 3 plants for \$1.20.

**1 RUELLIA STREPENS**—Flowers of rich, deep purple, still in the *Petunia* form. Pkt. 15c. Plants, each 45c.

**2 RUELLIA MAKOYANA**—Charming pot plant with leaves olive-green above with white veinings, but below royal purple. Pretty blossoms of bright carmine. Does best in an east window, not too much sun. Plants, each 50c.

## 1 THE PULMONARIAS

Early-blooming low perennials of much beauty, tolerant of both shade and sun. **ANGUSTIFOLIA AZUREA**—April Opals. 7 inches. Blossoms of purest Gentian-blue open in opaline color sequence from rosy buds. Plants, each 50c; 3 for \$1.40. **SACCHARATA**—9 inches. Sprays of pretty silvery rose flowers over white-marbled foliage. Plants, each 50c.

## 5 RHODODENDRON

Rhododendron, the Rose Tree of Greece, needs no praising beyond sight of the beauty of it when in full glorious bloom. We would though, emphasize the need of this family for acid soil, for by a large majority the members vote against lime. Sour where they grow by adding decaying oak leaves, rotten wood, peat, old sawdust, or that low-cost chemical, aluminum sulphate, "kt" culture. We offer here a splendid mixture, seeds of many diverse species, including several that are quite rare. Pkt. 25c;  $\frac{1}{32}$  oz. 50c;  $\frac{1}{16}$  oz. 90c. Order as **RHODODENDRON SPECIES BLEND**.

**RHODENDRON SPECIES**—For seeds of many separate Rhododendron species, see our **TREASURE CHEST OFFER**, sent gladly on request.

**RHODODENDRON HYBRID BLEND**—Seeds saved from finest named hybrids. Seedlings should show a wide range of colorings, and plants should be winter-hardy anywhere that Hybrid Rhododendrons are grown. An unusually fine blend. Pkt. 35c;  $\frac{1}{32}$  oz. 60c;  $\frac{1}{16}$  oz. \$1.00.

## 5 THE ROSES (Rosa)

The **SHRUB-ROSES**—Charming flowering shrubs for foundation plantings, landscape backgrounds, and hedges. These have single flowers. Easy from seeds sown outside in the late autumn or early spring. **XANTHINA NORMALIS**—75 inches. Branches wreathed in lemon-yellow bloom. Pkt. 15c. **MARGINATA**—55 inches. Cup-shaped flowers of pure pink. Pkt. 15c. **MOSCHATA FLORIBUNDA**—70 inches. Delightful wreaths of pure white flowers. Decorative also in fruit. Excellent form and habit. Specimens, hedges, background. Pkt. 15c;  $\frac{1}{4}$  oz. 40c. **FOLIOLOSA**—15 inches. Pure white or blush-suffused. Long-blooming rock garden shrub. Pkt. 25c. **SPINOSISSIMA**—Burnet Rose. White, cream or primrose, sometimes apricot-flushed. Purple fruits. Specimens or low hedges. Pkt. 15c;  $\frac{1}{4}$  oz. 40c. **RUBRIFOLIA**—60 inches. Foliage always red. Flowers white-centered rosy pink. Pkt. 25c. **RUGOSA**—60 inches. Big flowers, white, pink or rose. Shining red fruits. Specimens; hedges; thrives at seashore. Pkt. 15c;  $\frac{1}{4}$  oz. 25c. **OFFER 169A9**—One pkt. each of above for \$1.10.

**SHRUB-ROSE BLEND**—The above, with seeds of others as desirable. Pkt. 15c;  $\frac{1}{8}$  oz. 25c;  $\frac{1}{4}$  oz. 40c.

**GARDEN-ROSE BLEND**—Seeds saved from fine garden sorts of Hybrid Tea and Hybrid Perpetual. Full color range. Forms worth naming may appear. Pkt. 20c; 3 pkts. for 55c; 10 pkts. for \$1.65.

**BABY ROSE**—Multitudes of tiny blossoms, dominantly in white and blush, but ranging into pink and rose, too. Rather quick from seeds sown outside in late autumn or early spring, often giving some bloom first year. Edgings, rock garden, or pot plant. Pkt. 20c.

**ROSA ROULETTI**—Delightful miniature to grow as a house plant or in the rock garden. Close to everblooming. Double, rose pink flowers about an inch in diameter. *Rosa chinensis* minima. Plants, each 60c; 3 for \$1.60.

\* **RICINUS MIXED**—ebtx(9)100. Castor Bean, or Palma Christi. Enormous leaves in varied, rich, deep tones. Tall annual for exotic decorative effects. Pkt. 10c; 1 oz. 30c.

**2 RIVINIA HUMILIS**—w. Rouge Plant. Grown as a pot plant for the bright berry effects. Little white flowers. Sprays of coral red or of golden orange berries. State which you wish. Plants, each 40c.

**2 RHOEO DISCOLOR**—Moses-in-a-Boat. Decorative pot plant in reminder of a broader-leaved *Pandanus*, the leaves dark green above, but rich, glowing purple below. Little white flowers in boatlike bracts. Will do well in full sun, or in an east or north window. Plants, each 60c.

**2 ROCHEA COCCINEA**—w. Showy pot plant with imbricated, succulent foliage and clusters of fragrant flowers that may be white or bright scarlet. Mixed colors. Pkt. 25c.

**4 ROHDEA JAPONICA**—Ornamental foliage plants showing wide differences in color, decorative marking, and form. The collecting of the variations has become an horticultural cult in oriental lands. A good pot plant if given ample moisture, and kept on the cool side. Garden-hardy to Washington or above. Carries clusters of showy red berries. 3 seeds for 25c; 10 seeds for \$1.00; 25 seeds for \$2.25. Plants, each 65c.

**2 RODGERNSIA TABULARIS**—mtkt(3)36. Handsome peltate foliage with high sprays of pretty little white flowers above. For pool or stream side. Pkt. 20c.

**2 ROELLIA CILIATA**—w10. Upfacing bells, the bottom of each bell cream-white, then a circle of blue-black, next a white ring, with last of all a lavender edge. North, handle as a pot plant. Pkt. 20c.

**1 ROMNEYA COULTERI**—bdkt(4)60. Matilja Poppy. It can be spectacular. Blue-silvered foliage, big blossoms of silky white above, each centered with a golden tassel. Give well-drained position in full sun. Winter-mulch. Pkt. 20c.

**3 RHEXIA VIRGINICA**—rbmkt(8)16. Blossoms of a glorious purple-carmine, with swinging golden anthers. Long-blooming. Winter-hardy, but will force nicely as a pot plant. Illustrated opposite. Pkt. 20c.



**2 ROSCOEA**—erstk(w) (1-2). Charming semi-bulbs, used in the rock garden in mild climates, but elsewhere handled as pot plants under glass. **HUMEANA**—10 inches. Flower purple, with touch of yellow. Pkt. 25c. **CAUTLIOIDES**—12 inches. Blossoms of luminous, satiny, citron yellow. Pkt. 25c. **ALPINA**—6 inches. Flowers bicolor, purple and white. Pkt. 25c. **OFFER 171A9**—One pkt. each of the 3 for 60c.

**1 RUBUS XANTHOCARPUS**—gstkt(2)10. Gold-berry. Makes a dense, green ground cover for full sun or for light, partial shade. Dies to ground in winter, but comes up quickly from the roots in spring, large, white blossoms appearing. These are followed by gold-orange berries that are sweet and edible. Quite worth growing for the fruits alone. Pkt. 20c; 3 pkts. for 50c; 10 pkts. for \$1.50. Plants, not less than 3 sold, 3 for \$1.00; 18 for \$5.00; 40 for \$10.00.

\* **RUDBECKIA**—ecx(2-3)36. Showy flowers, easily grown as annuals. **HIRTA AVALON**—Big, single blossoms that vary from palest primrose, to golden orange, each flower zoned or suffused throughout with mahogany. Pkt. 15c; 3 pkts. for 40c. **AMPLEXICAULIS**—Showy red-brown or yellow flowers with high cone centers. Pkt. 15c. **KELVEDON STAR**—Big flowers of shining yellow, star-blotched red maroon. Pkt. 20c.

**RUDBECKIA PURPUREA**—See *Echinacea purpurea*.

**1 RUDBECKIA GOLDEN GLOW**—60 inches. Big, fully double, golden yellow blossoms. Desirable in the mixed hardy border or for backgrounds. Plants, each 40c; 3 for \$1.10.

**1 RUMEX VENOSUS**—ecrkt(2)15. The Silver Rumex is grown for the decorative seed-plumes, great, wide, loose spikes, filled with flakes of rose-flushed silver. Often cut and dried for winter bouquets. Plants, root fragments (all that is needed), each 35c; 3 for \$1.00.

**2 SAINTPAULIA IONANTHA**—The delightful African Violet, an exquisite for window pot culture. Seedlings will be mostly rich blue, but intriguing variations in color and form may be expected. Fine seeds, "w" culture. Pkt. 50c.

**SALIX PURPUREA NANA**—Dwarf Blue Arctic Willow. Dwarf species of dense, rounded habit, foliage blue-gray. Can be clipped for foot-high edgings, or grown singly as specimens. Plants, each 40c; 3 for \$1.10; 10 for \$3.30.



**2 SANSEVIERIA LAURENTI**—A house plant that will thrive in a dark corner. Thick sword leaves of bright green, but edged yellow and barred white. Plants, each 40c.

**3 SAUROMATUM GUTTATUM**—Monarch of the East. Spectacular summer garden effects, enormous, digitate leaf-umbrellas held high on marbled stems. Dig and store tubers in late fall. In February or March place dry tubers in an east window, and soon great flower-spikes will unfold, these of rose-tinted, purple-streaked ivory. *Illustrated opposite.* After blooming, tubers may again be planted in garden. Tubers, each \$1.00.



SAUROMATUM  
(IN FLOWER)

we offer 1947 crop seed at 20c the pkt. Tested in November when this catalog went to press, it grew well. Can also supply potgrown plants at each 45c; 3 for \$1.25; 10 for \$3.80. Sometimes called Cherry Sage.

**OTHER FINE SALVIAS**—These may all be grown as Annuals. **ARGENTEA**—rdk(9)6. Grown as an Annual for the decorative, silvery first-year rosettes, lovely beyond compare. Pkt. 20c. **CARDUACEA**—kt(2)18. Fringed and undulate skyblue blossoms in cushion prickles-whorls. Pkt. 20c. **COC-CINEA**—ecbx(2-4)36. Easiest and quickest of red Salvias, the seeds being sown where the final effect is desired. Coral-tinted carmine. Pkt. 15c; 1/16 oz. 25c. **SPLENDENS AMERICA**—24 inches. In this true Scarlet Sage the plant habit is globe-like, the vivid flower plumes rising at varied angles so that the whole is as a ball of fire. Pkt. 20c. **SPLENDENS BONFIRE**—32 inches. A more upright grower, preferred by those who wish scarlet color mass. Pkt. 20c. **FARINACEA BLUE BEDDER**—eck(3-4)28. Flowers of wedgewood blue for months. Foliage white-powdery. Pkt. 20c. **PATENS**—(3-5)25. Particularly large and beautiful flowers of bright blue, widely spaced. Start early. This is the variety Cambridge Blue. Pkt. 25c. **OFFER 172A9**—One pkt. each of the above, including the Baby Salvia, for \$1.25.

## 1 SALVIA PERENNIAL

Decorative hardy plants for border or rock garden. **VIRGATA**—(3)40. Near to everblooming, gay tangles of blossom for months. Big, blue-violet flowers. Pkt. 20c. **PRATENSIS ROSEA**—(3)25. Richest rosy pink are the wide, heavy flower-plumes. Pkt. 15c; 3 pkts. for 40c. Plants, each 45c; 3 for \$1.25; 10 for \$3.75. **PRATENSIS BLUE**—Like last in every way except for the deep and rich blue coloring of the packed, showy flower plumes. Pkt. 15c; 1/16 oz. 30c. Plants, each 45c; 3 for \$1.25; 10 for \$3.75. **PRATENSIS MIXED**—Widely, pleasingly, color-variable are the flower plumes, pale blue to deep blue purple, pink, to rose, to rosy violet. Pkt. 20c; 3 pkts. for 50c. **HAEMOTODES**—(3)27. Pretty Grecian species with profuse, blue-lilac blossoms. Pkt. 20c. **JURISICI**—(2)9. Free-blooming, long-lived rock garden species with graceful spikes of violet flowers. Pkt. 20c. **GLUTINOSA**—(3)35. Rather large flowers of an unusual, soft, creamy yellow. Pkt. 20c. Plants, each 50c; 3 for \$1.40. **SUPERBA (Nemerosa)**—Long, showy species with many densely packed spikes of dark blue-violet flowers. After the flowers have fallen, the rosy violet sub-tending bracts still fill the spikes in attractive, decorative form. Hardy, long-lived, drought-resistant. Plants, each 60c; 3 for \$1.80. **PITCHERI (Azarea grandiflora)**—\*(3-4)60. Handsome flowers in bright sky blue. Pkt. 15c. Plants, each 50c; 3 for \$1.40. **PITCHERI INDIGO VARIETY**—Well-filled flower spikes in the most intense of deep gentian blues. Blooms longer than other Salvias, through late summer and early autumn. Exceedingly showy. Plants, each 55c; 3 for \$1.50. **OFFER 173A9**—One pkt. each of above as offered in seeds, for \$1.80. **OFFER 174AN9**—One plant each of the six so offered, for \$2.70.

**SALVIA HARDY BLEND**—Includes all above, with others. Pkt. 15c; 1/16 oz. 30c; 1/8 oz. 50c.

## \* SALVIA ANNUAL

**THE BABY SALVIA**—ex(8)16. A rare Mexican species, **SALVIA MICROPHYLLA**, the dwarfest and most compact of our Salvias. The plants are like reversed cones, the many slowly flaring stems so tightly thatched with imbrications of dark olive green foliage that they seem all of one massiveness until the airy flower-racemes begin. White-bracted buds open to flowers of carmine loveliness. Delightful summer garden plant, or it may be grown in pots for winter bloom. 1948 seed crop failed but

**\* SALPIGLOSSIS BLEND**—eck(3-4)30. Velvet Flower. Wide, velvety trumpets in colorings of rich brocade. Gold veinings over blue, over cream, over violet, over scarlet or brown. Along with crimsons, yellows, purples, maroons. Easy, showy Annuals. Pkt. 15c; 1/8 oz. 35c.

**1 SANGUINARIA CANADENSIS**—rstkt(1)10. Bloodroot. Chalice of spotless white, contrasting with the golden center tassel. Pkt. 15c; 1/16 oz. 25c; 1/8 oz. 40c; 1/4 oz. 75c.

**1 SANTOLINA**—rbdkt(8)15. Desirable, fully hardy, low ornamentals with decorative foliage. **CHAMAECYPARISSUS**—Dense mounds of silvered featherings. In June, flowers like golden buttons. Pkt. 20c. Plants, each 60c. **VIRENS**—Mounds of brilliant emerald, with creamy buttons of flowers. We know of no other hardy perennial that has such an attractive richness of deep greenery. Desirable for edgings, rock gardens, contrast accents, the front of the hardy border. Pkt. 25c. Plants, each 60c; 3 for \$1.65; 10 for \$5.00.

**1 SAPONARIA OCYMOIDES**—erx(3)8. One of the showier and easier rock garden perennials, also used for bedding. Wide, spreading mounds of brightest rosy pink. Immensely floriferous. Pkt. 15c; 1/8 oz. 25c; 1/4 oz. 40c.

**1 SAPONARIA DOUBLE BEAUTY**—A fully double-flowered form of *Officinalis*, blossoms pure white or softest blush. Long in bloom, showy in the garden, a wonderful cut flower. Plants, divisions, each 40c; 3 for \$1.10.

**1 SAUSSUREA GOSSYPIPHORA**—rkt(2)9. Curious Himalayan alpine, the plants pyramids of frosty, woolly fluff from which peer little violet flowers. Pkt. 25c.

**\* SCHIZANTHUS HYBRIDS**—erx(2)18. An amazing profusion of exquisite butter-fly blossoms in white, pink, lavender, often yellow-marked. Beds, borders, or in pots. Pkt. 15c; 1/16 oz. 30c.

**2 SCHIZOSTYLIS COCCINEA**—w. Kaffir Lily. Blossoms of scarlet-toned crimson in late autumn. North, best grown as a pot plant, kept in a shaded, outdoor position in summer, then brought under glass for blooming. It can give a gorgeous display during October and November. Pkt. 20.

**2 SCHIZOSTYLIS MRS. HEGARTY**—Like last in every way except the blossoms are clear pink. Pkt. 25c.

## 6 ROSE ACACIA

The winter-hardy Rose Acacia is **ROBINIA FERTILIS**, an easy and handsome low shrub with great pendulous racemes of showy, rose-colored blossoms. "K" culture. Pkt. 15c; 3 pkts. for 40c. Plants, each 65c; 3 for \$1.75.

## 1 SARRACENIA or PITCHER PLANT



25c. **SARRACENIA BLEND**—Seeds of several kinds in mixture. Pkt. 25c; 3 pkts. for 70c.

The Pitcher Plants have leaves like oddly hooded, water-holding pitchers or urns, decidedly, if somewhat bizarrely, decorative. Then there are blossoms, rather large and quite showy ones. The fantastic leaves are actually cunningly devised insect traps, for the *Sarracenia*s are carnivorous plants. All species offered are winter-hardy in the garden. They like a soil containing some peat admixture, with sandy loam, and should be watered in drought. They are quite generally grown also as pot plants, because of their decorative form, highly attractive flowers, and interesting habit. Seeds grow quite surely if planting be kept moist, "K" culture advised, though success has been reported in seed germination under glass. **RUBRA**—Erect, purple-veined pitchers and sweetly fragrant crimson flowers. Does particularly well in pots. Plants, each 65c. **FLAVA**—Long, handsome, red-veined pitchers. Big and showy lemon yellow flowers. *Illustrated opposite.* Good as pot plant or in garden. Pkt. 25c. Plants, each 65c; 3 for \$1.85. **PURPUREA**—Shorter, wider pitchers, marked and shaded red. Nodding flowers, madder to maroon. Hardy into Canada. Pkt.



## 1 SAXIFRAGA

The name shelters diversities, all delightful. Blossoms in white, cream, rose or crimson, exquisite in form and tinting; emerald moss-mats; crispy, crystal-beaded leaves. **SAXIFRAGA PEERLESS BLEND**, splendid mixture, mossies, silvers, encrustatas, Bergénias, all types. Pkt. 20c; 3 pkts. for 55c; 10 pkts. for \$1.65. **SAXIFRAGA ENCRUSTATA BLEND**, just beaded and encrusted kinds. Pkt. 25c. **SAXIFRAGA MOSSY BLEND**—Kinds that form flower-studded, mossy cushions. Pkt. 25c.

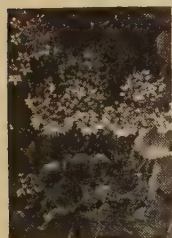
**SAXIFRAGA SPECIES**—All here are winter hardy, suited to rock garden or many another position. **LINGULATA**—10 inches. Mats of sparkling, silver-beaded foliage. Nodding flowers, white, creamy, or rose-flushed. Pkt. 25c. **AIZOIDES**—Low plants with pretty flowers, usually of orange-dotted yellow. Pkt. 25c. **LIGULATA**—(Bergénia). 12 inches. Big, massed leaves. Pearl-white to pink flowers. Pkt. 25c. **DIVERSIFOLIA**—8 inches. Sprays of golden stars rise from egg-shaped leaves. Pkt. 30c. **PURPURASCENS**—(Bergénia). 15 inches. Handsome foliage, red-tinged, thick, glossy. Flowers of bright rose-purple. Pkt. 25c. **CORDIFOLIA**—(Bergénia). 20 inches. Big, rose-tinted, wavy edged leaves that become crimson in late autumn. Clustered, rosy flowers. Plants, each 55c; 3 for \$1.50. **COTYLEDON**—15 inches. Plumbe-silver. Plumes of white blossoming, often pink-dotted, rise from silver-beaded rosettes. Plants, each 55c; 3 for \$1.50.

**2 STRAWBERRY GERANIUM**—That is an old name for **SAXIFRAGA SARMENTOSA**, a pleasant pot plant for the window garden, hanging basket or porch box. Thick, decorative leaves, white-veined above, red below. Sprays of pretty little white flowers, dotted yellow and scarlet. Trailing, rosette-ending runners. Plants, each 40c; 3 for \$1.10.

## 1 SEDUMS SUCCULENT

The brittle foliage may come in softest of apple-greens, in frosty filigreeings, blue with silver dust, rosy tones, maroon shadings. They may be filmy earth clingers, springy cushions, rampant mounds, or taller clumps of fat-leaved stems. And in blossoms they run the scale of white, cream, lemon, orange, pink, rose and crimson.

\* **SEDUM CAERULEUM**—rk(8)4. Attractive, many-rayed flower-stars of soft blue. Pretty, annual, filler plant for the rock garden, or as an edger. Pkt. 20c.



**1 SEDUM SIEBOLDI**—Whorls of thick, blue-gray leaves with rose-toned margins. Wide clusters of pretty, pink flowers. Makes a delightful pot plant, but it is winter-hardy, and may likewise be grown in the rock garden. 6 inches. *Illustrated opposite.* Plants, each 45c; 3 for \$1.25.

**1 MIXED BORDER SPECIES**—kt. Seeds saved from the taller kinds, spectabile, telephium, aizoon and the like. Fine for front of the mixed hardy border, or for foundation planting. Pkt. 20c; 3 pkts. for 55c.

**THREE TALLER SEDUMS**—For the larger rock garden, or the hardy border. **SPECTABILE**—25 inches. Many stems with thick, blue-glaucous leaves and upfacing clusters of gay flowers, pink to deep rose. Plants, each 45c; 3 for \$1.25. **AIZOON**—25 inches. Bushy, upright, the many stems set with fat green leaves, ending in crown-clusters of golden blossoms. Plants, each 40c. **TELEPHIUM PURPUREUM**—20 inches. Erect clumps of dark, blue-green foliage, topped with purple-shaded flower clusters. Plants, each 45c. **OFFER 178AN9**—One plant each of the 3 for \$1.15.

**DWARF HARDY SEDUMS**—Just right for rock garden, edgings, terrace coverings. We have many fine kinds, too many to describe here, but we will send six diverse ones, with names, our choice, for \$2.00. Order as **OFFER 177AN9**.

**2 TENDER SEDUM PLANTS**—Easy house plants with richly decorative foliage. **PACHYPHYLLUM**—Big, succulent leaves like giant jelly beans, glossy soft green with red tones. Yellow flowers. Plants, each 35c; 3 for \$1.00. **ADOLPHI**—Well-shaped, branching plants with large, thick leaves of waxy yellow. Effective for contrast. Plants, each 40c.

## 1 THE SEMPERVIVUMS

Piled rosettes, compact, succulent, are built of thick, short leaves that may be silvered, red-suffused, purple painted or entangled in filmy gossamer. Oddly thatched stalks carry decorative, starry flowerings in yellow, buff, or red-tawny. Pkt. 20c. **SEMPERVIVUM PLANTS**—For \$1.00 we will send one each of four distinct kinds.

**1 SCUTELLARIA**—The gay **Helmet-flowers** "x" culture. **ALPINA**—10 inches. Blossom mounds in blended violet, cream, rosy lavender. Pkt. 20c. **BAICALENSIS COELESTINA**—10 inches. Showy long-bloomer of late summer. Spikes of big helmet-flowers in rich blue. Pkt. 15c. Plants, each 45c; 3 for \$1.25. **CANESCENS**—25 inches. Clustered, silvery blue flowers. A beauty. Pkt. 20c.

**2 SELAGINELLA EMMELIANA**—Decorative, fern-like pot plant. Feathery, mossy foliage of bright green. Will thrive in north or east window. Plants, each 50c.

**1 SHORTIA GALACIFOLIA**—rast(1)7. Oconee Bells. Exquisite bells of pure white, or sometimes bluish. Attractive foliage that becomes brilliantly red. One of rarer, lovelier low perennials. Needs soil somewhat acid, see notes on Rhododendron. Plants only, each 65c; 3 for \$1.80.

**1 STACHYS LANATA**—efgbk(9)18. Foliage carpets in silky, silvery white. Tiny flowers peer from spikes like slender rolls of white wool. One of the better foliage perennials. Pkt. 15c. Plants, each 40c; 3 for \$1.10. (See also *Betonica*.)

## \* SCABIOSA ANNUAL

Attractive, easy to grow, garden-decorative, desirable for cutting. "x" culture. **GIANT MIXED**—36 inches. Blossoms of largest size and fullest doubleness; azure blue, sulphur yellow, maroon, coral, salmon, peach blossom pink, scarlet, white. Pkt. 15c; 1/8 oz. 25c. **BLUE MOON**—32 inches. Big, densely double flowers in sky blue, all packed, ruffled petalage. Pkt. 15c; 1/8 oz. 25c; 1/4 oz. 40c.

## 1 SCABIOSA PERENNIAL

The Scabiosas are all good cut flowers. Easy and decorative border perennials. **FISCHERI**—36 inches. Showy species from Mongolia and Manchuria. Big, fluffy flowers in intense blue. Easy to grow, and fine for either cutting or garden decoration. Pkt. 15c; 1/8 oz. 25c; 1/4 oz. 40c 1/2 oz. 75c. Plants, each 40c; 3 for \$1.10. **SOSNOWSKIYI**(ebx)(8)40. Tall, ever-blooming white. Good in the mixed hardy border. Pkt. 15c. **WEBBIANA**—20 inches. Excellent, low-growing creamy white. Everblooming. Pkt. 15c. **COLUMBARIA**—(3)24. Near-pink, and rose, to mauve and blue-lavender. Pkt. 20c. **OCHROLEUCA**—(8)40. A vigorous grower, with attractive flowers of pale, creamy yellow. Pkt. 15c. **CAUCASICA PEERLESS**—(3-5)28. Flowers of large size, petals usually ruffled, stems long. Colors include indigo, mauve, lavender, white. Pretty much everblooming. Pkt. 20c; 1/8 oz. 40c; 1/4 oz. 75c; 1/4 oz. \$1.25. Plants, each 50c; 3 for \$1.40. **OFFER 175A9**—One pkt. each of above for 85c.

**SCABIOSA PERENNIAL BLEND**—Above, with many others. Pkt. 15c; 1/8 oz. 25c; 1/4 oz. 40c; 1/4 oz. 75c.

## 1 THE BRIGHT SILENES

Brilliant color here. Showy hardy perennials for rock garden or border. **ACAULIS**—rk(2-3)4. Moss-like cushions set with pink flowers. Pkt. 20c. **FORTUNEI**—\*erbx(8)20. Hardy Chinese species, an easy everbloomer with deeply slashed rose pink flowers. Pkt. 15c; 1/8 oz. 40c. Plants, each 40c; 3 for \$1.10. **REGIA**—ebx(3-4)30. Vivid, robust long-bloomer with large, starry flowers of brightest red. Pkt. 20c. **ALPESTRIS**—rkt(2-3)6. Rounded cushions of airy white flowers for months. Pkt. 20c. **HOOKERI**—rk(2)5. Big, slashed flowers of purest pink. Rock garden super-treasure. *Illustrated opposite.* Pkt. 25c. **MARITIMA**—erx(2-5)5. Sea Campion. Desirable rock garden or edging perennial with pretty white flowers over gray foliage. One of the better Silenes. Pkt. 15c; 1/8 oz. 25c. Plants, each 40c; 3 for \$1.10. **INGRAMI**—Consider it a *Silene Hookeri* with slightly larger blossoms of cherry red. Pkt. 25c. **SHAFTA**—erkt(3-4)6. A riot of silvery rose through late summer and early fall. Unexcelled in the rock garden. Plants, each 45c. **LACINIATA**—bk(3)50. Nodding, cardinal red blossoms. Pkt. 20c. **WHERRYI**—erkt(2)8. Great cushions of lovely clear pink. None better in the color for general planting. Massed blossoms. Pkt. 15c; 1/8 oz. 35c. Plants each 45c; 3 for \$1.25. **VIRGINICA**—rbkt(2-3)15. Fire Pink. Fulminations of scarlet vividness. Pkt. 20c. Plants, each 50c. **STELLATA**—ecx(3)30. Nodding sheafs of white blossoms, deeply fringed. Pkt. 15c. **OFFER 181A9**—One pkt. each of the above for \$1.85. **SILENE BLEND**—Those here, with others. Pkt. 15c; 1/8 oz. 30c; 1/4 oz. 50c.





**SENECIO**—kt. Desirable diversities. **ARENARIUS**—10 inches Annual Cineraria. Wide clusters, mauve to vivid violet. Pkt. 15c. **CLIVORUM**—50 inches. Hardy perennial. Big, decorative leaves, showy clusters of golden orange above. Pkt. 20c. Plants each 60c. **AUREUS**—32 inches. Showy perennial with profuse, golden flowers. Pkt. 15c.

1 **SIDALCEA BLEND**—ebx(8)40. Spikes of pretty flowers from pink to rose. Cousin of Hollyhock in reduced size. Sound perennial. Pkt. 15c;  $\frac{1}{16}$  oz. 25c.

\* **STAR OF TEXAS**—eck(8)20. Gay, long-blooming, big-flowered annual daisy in most brilliant, polished golden yellow. No yellow flower more showy or longer showy. Resists sun, heat, drought. It is **XANTHISMA TEXANUM**, illustrated opposite. Pkt. 15c;  $\frac{1}{8}$  oz. 40c.

1 **SISYRINCHIUM SPECIAL BLEND**—\*erk(2-3). Satin flower. Blossoms of pale yellow, golden, blue light and dark, purple, white; bells upfacing or nodding. Perennials for the rock garden; or long-blooming pot plants. Pkt. 15c; 3 pkts. for 40c. Plants, mixed, each 35c; 3 for \$1.00.

1 **SISYRINCHIUM STRIATUM**—zk(3)35. Odd Chilean species. From Iris foliage stems rise that bear tight clusters of soft, yellow flower, deeper striped, in long rows. Needs winter protection in climates colder than at Philadelphia. Pkt. 20c; 3 pkts. for 50c.

1 **SILPHIUM TEREBINTHINACEUM**—ebk(5)100. Spectacular plants reaching 8 to 10 feet of height. Many large yellow flowers on slender, leafless stems. Large, decorative basal foliage. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. Plants, each 75c.

1 **SMILACINA RACEMOSA**—rbstyt(2)30. Glossy leafed arching stems carry great airy clusters of creamy white blossoms. Then clusters of berries like translucent rubies. Handsome hardy perennial for shade or sun. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. Plants, each 50c; 3 for \$1.40.

**SOLANUMS ORNAMENTAL**—x(w). All here may be grown as pot plants, the last three also in the garden. **SEAFORTHIANUM**—Lovely light blue star-blossoms. Herbaceous trailer. Pkt. 25c. **CAPSASTRUM NANUM**—Jerusalem cherry. Showers of bright red, cherry-shaped fruits. Pkt. 15c. **INTEGRIFOLIUM**—30 inches. Bears quite large fruits of shining red that may be dried for use in winter bouquets. Outdoor annual. Pkt. 15c;  $\frac{1}{8}$  oz. 35c. **TORREYI**—k(3)20. Hardy perennial. Bright purple flowers; decorative yellow fruits. Pkt. 15c. **ACULEATISSIMUM**—k. Love-apple. The irregular fruits of glossy, shining orange are cut for decorative use. Annual. Pkt. 15c;  $\frac{1}{8}$  oz. 35c. **OFFER 182A9**—One pkt. each of above for 70c.

1 **SOLDANELLA ALPINA**—rkt(1)6. Called "Jewel of the Alps," growing to the snow line, and even thawing its way through snow and ice. Daintily fringed, cupped blossoms of a warm blue-violet. Pkt. 20c; 3 pkts. for 55c.

1 **SOLIDASTER LUTEUS**—25 inches. Profuse, airy panicles of little flowers that open yellow and age to creamy white. Good border perennial. A bi-generic hybrid, Aster with Solidago. Plants, each 55c.

1 **SPHAERALCEA RIVULARIS**—ebkt(3)60. Cup-flowers in pure pink are carried in candle-spikes over mounds of rich "maple" foliage. Long-lived. Showy. Pkt. 15c.

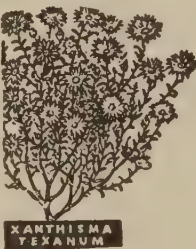


2 **STAPELIA HIRSUTA**—Many thick, upright, leafless stems of soft green, the edges flanged. Big, 5-inch star flowers of brown-striped cream, edged and centered with furry purple. 9 inches. Illustrated opposite. Plants, each 45c.

\* **STATICE ANNUAL BLEND**—cbkt(2-4). Everlasting or Strawflower. Unexcelled blend, white, yellow and tones of rose, and blue-violet. May be dried for winter bouquets. Sow early. Pkt. 15c;  $\frac{1}{8}$  oz. 25c.

1 **STELLARIA HOLOSTEA**—erx(1-2)9. Easter Bells. Early-blooming low perennial, loaded in spring with fringed white bell-like blossoms. Pretty rock garden plant. Pkt. 20c. Plants, each 50c.

1 **STENOSIPHON LINIFOLIUS**—ebx(4-5)70. Long-whiplike branchings with slender linear leaves are filled in autumn with clusters of airy flowers that remind of new-tossed fresh snow. Needs winter protection above Philadelphia. Rare. Pkt. 35c.



1 **SWERTIA MULTICAULIS**—rkt(2)5. Floriferous Himalayan alpine, cousin to Gentian. Domes of star-flowers in yellow, blue and purple. Pkt. 25c.

3 **TALINUM CALYCINUM**—Vivid flowers of luminous cherry rose, carried in summer-long profusion on wiry stems over attractive, succulent foliage. Called **CHERRY SUN-BRIGHT**. Use prodigally in sunny rock garden or like position. Winter hardy. Pkt. 20c.

1 **TEUCRIUM CHAMAEDRYS**—erix(3)10. Desirable rock garden or edging perennial with attractive, glossy, dark green foliage with evergreen tendencies. Many spikes of pretty little rose-colored flowers. Pkt. 20c. Plants, each 45c.

1 **TEUCRIUM HIRCANICUM**—erx(3)15. Persian species with tapered bloom-spikes, packed densely with pretty, rose-violet flowers. Pkt. 20c.

### 3 TIGRIDIA or SHELL-FLOWER

Brightly color-lighted blossoms in white, blush, pink, rose, canary, orange, lilac, rich reds, with many a blending, splashing and suffusion. Tigridias are bulbs for the summer garden, blooming continually, vividly, early and late. They are easy enough to grow from seed. Sowings made in very early spring will often give a few blossoms first year. In autumn dig the bulbs and winter-store in a dry, frostproof place. Illustrated opposite. Fine mixture. Pkt. 25c;  $\frac{1}{8}$  oz. 50c;  $\frac{1}{4}$  oz. 90c. **BULBS**, spring delivery, 3 for 40c; 9 for \$1.00; 25 for \$2.50; 100 for \$9.50.



1 **THALICTRUM**—bkt(3)50. Good border perennials with Aquilegia-like foliage. **DIPTEROCARPUM**—Airy, showy purple tassels. Pkt. 15c;  $\frac{1}{8}$  oz. 35c. **GLAUCUM**—(3)50. Fluffy dense, yellow flower clusters. Silvery foliage. Fine accent plant. Pkt. 15c. Plants, each 45c; 3 for \$1.20. **AQUILEGIFOLIUM ROSEUM**—36 inches. The flowers are airy, diffuse, rose-colored tassels above Columbine foliage. Pkt. 15c.

1 **THERMOPSIS CAROLINIANA**—ecbkt(2-3)60. Flowers of golden yellow in massive spires; reminder of Lupine. Pkt. 15c;  $\frac{1}{8}$  oz. 35c;  $\frac{1}{4}$  oz. 60c. Plants, each 50c; 3 for \$1.40.

\* **THUNBERGIA ALATA MIXED**—ex. Pretty trailer or climber, with white, buff or orange flowers, black-centered. Ground cover, porch boxes, hanging baskets. Pkt. 15c.

\* **TORENIA FOURNIERI**—erk(4)12. Velvety blossoms blue to purple with gold markings, or very rarely white with touch of rose. Pot plant, beds, edgings. Pkt. 15c; 3 for 40c.

**TRILLIUM BLEND**—ryst(1). The Trinity Lilies are the delight of shady places. Three-petal blossoms in white, blush, rose, plum, red. Mixed species. Pkt. 20c; 3 pkts. for 40c.



### \* TAHOKA DAISY

It is the best of the Blue Daisies for all-summer bloom, mid-June until November. Big blossoms of pure blue-lavender with little golden centers, flower stems of good length, cutting and lasting qualities excellent. The foliage is fine, fern-like. Illustrated opposite. Our introduction. *Machaeranthera tanacetifolia*, eck(2-4)20. Pkt. 15c;  $\frac{1}{16}$  oz. 25c.

### \* SWEET PEA FRAGRANCE

Nothing else will quite replace the Sweet Peas. They are the most delightful of annual flowers. A garden without them is a garden without savor. And they are really not hard to grow. All there is to it is to get the seed in the ground early, first possible spring moment. In drought, give them a hose-soaking now and then. If you can, mulch about them with leaves or straw to give the cool root-run that delights them. **FRILLED GIANT BLEND**—The Orchid-flowered or Giant Spencer Sweet Peas in about every possible hue or tone, but with careful balance. Pkt. 15c;  $\frac{1}{8}$  oz. 35c; 1 oz. 65c;  $\frac{1}{4}$  lb. \$2.00. **EARLY-FLOWERING BLEND**—Early blooming, for first garden show, or for forcing. Big, wavy flowers in excellent color range. Pkt. 15c;  $\frac{1}{8}$  oz. 40c; 1 oz. 70c;  $\frac{1}{4}$  lb. \$2.25.



**4 SPARAXIS BLEND**—ek(w)(7-1)12. For easy winter blossoms in sunny window or greenhouse, try Sparaxis, one of the better South African bulb-flowers. The big blossoms come in brilliant colorings, lavender, lilac, cream, yellow, salmon, scarlet, orange, often zoned. Pkt. 20c;  $\frac{1}{4}$  oz. 50c.



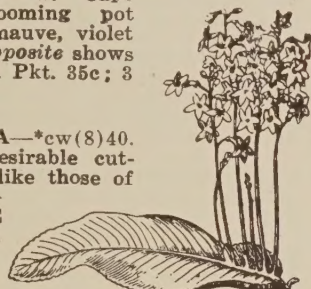
**2 STRELITZIA REGINAE**—w. The lovely and colorful Bird of Paradise. Great, oddly poised, blue-and-gold flowers. *Illustrated opposite*. Not hard from seed, with patience. Give heat from below. The plants are of rather easy culture, once they get a start. Large seeds, 3 for 50c; 7 for \$1.00; 25 for \$2.85.

**2 STRELITZIA NICOLAI**—w. Here the flowers are larger than with Reginae, bright blue and white, the whole plant bigger and more vigorous. A superb beauty. Seeds, each 35c; 3 for \$1.00.

**2 STREPTOCARPUS REXI**—w. A delightful pot plant, and perhaps easiest species, though no Streptocarpus is difficult. Attractive, pebbled leaves. Trumpet-flowers of soft blue, freely produced. Pkt. 35c. Plants, each 60c.

**2 STREPTOCARPUS BLEND**—w. Cape Primrose. Handsome, long-blooming pot plant. Blossoms of lilac, blue, mauve, violet and near-crimson. *Illustration opposite* shows one form contained in the blend. Pkt. 35c; 3 pkts. for \$1.00.

**2 SWAINSONIA GALEGIFOLIA**—\*cw(8)40. Greenhouse plant that gives desirable cut-flower material. Blossoms very like those of Sweet Pea. **RED-FLOWERED**—Large, deep red. Pkt. 15c. **PURE WHITE**—Blossoms snowy. Pkt. 20c.



STREPTOCARPUS

\* **SUNFLOWER ANNUAL**—Showy in the garden, and of easy growing. Good, too, for cutting. **ITALIAN WHITE**—50 inches. Long-petaled, small-centered blossoms to 3-inch diameters, in pure white to pale cream. Long, slender stems. Desirable for cutting, long-lasting and wonderful in arrangements. Pkt. 15c; 3 pkts. for 40c. **DOUBLE WHITE**—New offering that we have not yet grown. Described as pure white and double. Pkt. 20c. **SUNGOLD**—55 inches. Flowers of complete chrysanthemum doubleness, golden yellow. Pkt. 10c;  $\frac{1}{4}$  oz. 20c. **RED SUNFLOWER**—65 inches. Single flowers in shades of chestnut, bronzy red and maroon. Pkt. 10c;  $\frac{1}{4}$  oz. 20c.

**1 SWEET WILLIAM**—ebx(2)20. Dianthus barbatus. Amazing bright coloring and marking variation. **NEWPORT PINK**—Clear salmon pink. Pkt. 15c. **PURE WHITE**—Needed for contrast. Pkt. 15c. **CRIMSON BEAUTY**—A rich crimson. Pkt. 15c. **FINE DOUBLE MIXED**—Wide color range. Pkt. 15c;  $\frac{1}{4}$  oz. 25c. **DWARF MIXED**—6 inches. Compact heads of single flowers, all colors. Edgings, beds, rock garden. Pkt. 15c;  $\frac{1}{16}$  oz. 25c. **OFFER 183A9**—One pkt. each of above for 65c.

**1 SYNTHYRIS RENIFORMIS**—10 inches. In very early spring come spikes of delightful blue-violet flowers above fat, neat, foliage clumps. Usually the earliest perennial to bloom at our nursery. Shade-tolerant. Plants, each 50c.

## \* THE FRAGRANT STOCKS

Massive spikes of flowers in white, coppery tones, varied blues, canary, soft pink, lavender, golden, rose, blood red, mostly double, always perfumed. They cut. Sow early. Usually grown in garden, but can be handled as pot plants. **DWARF TEN-WEEK MIXED**—15 inches. Earliest. Good. Pkt. 10c; 3 for 25c. **GIANT IMPERIAL MIXED**—28 inches. Largest, most massive. Pkt. 15c; 3 for 40c.

## 1 STOKESIA FOR CUTTING

For cutting **STOKESIA LAEVIS** is perhaps the best of the blue-flowered, summer perennials. Immense, beautiful blossoms like Cornflowers many times magnified. Thrives in either full sun or light shade. Seeds saved in mixture from lavender, bright blue, blue-purple, white and suffused forms. ercbx(3)24. Pkt. 15c;  $\frac{1}{4}$  oz. 40c. Plants, blues only, each 45c; 3 for \$1.25; 10 for \$3.65; 25 for \$8.50.

**1 TRAILING ARBUTUS**—rstatk(1)4. Perfumed pink-and-white blossoms over evergreen foliage. Prettiest flower of its season. Not easy, but with patience, quite possible. Pkt. 25c.

**3 TRIMEZIA MARTINICENSIS**—k(8)25. Tigridia-cousin with clustered flowers of buff yellow, marked chestnut. Pkt. 20c.

\* **TRIPTERIS HYOSEROIDES**—ek(2)20. Fine, early-blooming Annual, particularly quick from seed. Quite showy buff-yellow flowers. Worthwhile. Pkt. 15c.

**3 TRITELEIA UNIFLORA COERULEA**—rkt(2)7. The Blue Star-flower makes a wonderful rock garden plant. Long in bloom. Multitudes of upfacing blossoms, pale blue to near indigo. Pkt. 20c;  $\frac{1}{16}$  oz. 35c. Plants, growing clumps, spring delivery, each 50c; 3 for \$1.40.

**4 TRITONIA BLEND**—ew(7)12. Showy, easy, winter-flowering bulbs, to be grown in pots, Freesia fashion. Sprays of salmon, rose, orange, flame scarlet. Mixed. Pkt. 15c;  $\frac{1}{16}$  oz. 35c.

**1 TROLLIUS**—bkt(2-4)30. Globe-buttercup. Big, showy flowers, golden yellow to burnished orange. **LEDEBOURI**—Everblooming brilliant yellow with spread petals. Pkt. 20c. Plants, each 45c. **EUROPAEUS**—25 inches. Large blossoms with incurved petals, soft to deep lemon. Pkt. 15c;  $\frac{1}{16}$  oz. 30c;  $\frac{1}{4}$  oz. 50c. Plants, each 50c; 3 for \$1.40. **FINE HYBRIDS**—Always beautiful. Soundly hardy. Variations in blossom form and in shade of yellow. Pkt. 15c;  $\frac{1}{16}$  oz. 30c;  $\frac{1}{4}$  oz. 50c.

**1 TRITOMA**—kt. Kniphofia or Redhot Poker. Perennials that will accent the border in vivid color. **PFITZERI**—Noble torch-spires in bright red. Plants, each 45c; 3 for \$1.20. **VANILLA**—Full, pointed spikes in lovely pale yellow. Long in bloom. Particularly good. Plants, each 50c; 3 for \$1.40. **FLAME**—Slender spires like flaming red rockets. Each 45c; 3 for \$1.25. **WHITE FAIRY**—Blossoms pure white, becoming creamy. Each 60c. **PEERLESS HYBRIDS**—Varied blendings of scarlet, coral, buff, gold, orange. Pkt. 15c;  $\frac{1}{16}$  oz. 30c. Plants, mixed divisions, each 45c; 3 for \$1.25; 10 for \$3.75.

**2 TULBAGHIA VIOLACEA**—k(w) (8)25. Clusters of starry flowers like miniature Agapanthus blossoms in melting lilac. Called "Pink Agapanthus." A splendid house plant, near to everblooming. Like Geranium, may also be used outside in summer. Pkt. 20c. Plants, each 45c.



TITHONIA

## \* TITHONIA AVALON EARLIEST

The big long-stemmed blossoms range from orange topaz to those with burnished over-sheen of scarlet flame. Sowings of it will give green walls set with living fire. Earliest strain, direct open ground sowings usually giving some blossoms by late June, and from then until after autumn freezes. Pkt. 20c 3 pkts. for 55c; 10 pkts. for \$1.65.

## 1 THE PLEASANT THYMES

Low, fine-leaved perennials with a delightful aromatic fragrance. Rock garden, edging, carpeting. **CITRIODOROUS**—Lemon Thyme. Fine, semi-evergreen foliage, with hint of lemon fragrance. Little rosy flowers. Plants, each 40c; 3 for \$1.10. **CHAMAEDRYS**—Tufted mats, flowers purple. Particularly hardy. Plants, each 40c; 3 for \$1.10 10 for \$3.30. **HERBA-BARONA**—Notable for sweet, aromatic pungence. Rose-colored flowers. Dense mats. Plants, each 45c. **SERPYL-LUM**—Close mats set with midget leaves. In summer innumerable 3-inch spikes of pink or carmine flowers. Plants, each 40c; 3 for \$1.10; 10 for \$3.30. **SERPILLUM WHITE**—Like last, but flowers white. Plants, each 45c; 3 for \$1.20. **LANUGINOSUS**—Silvery-downy foliage, pink flowers. Plants, each 45c; 3 for \$1.25. **NITIDUS**—9 inches. Charming and distinctive species, an erect, close, upright grower, never spreading or mat-forming. Fine, gray-silvery foliage and highly attractive flowers of silvery rose. One of the prettier rock garden perennials. Plants, each 50c; 3 for \$1.40. **OFFER 184AN9**—One plant each of above for \$2.70.

## 2 TIBOUCHINA LEPIDOTA

Rare and handsome large pot plant with big flowers of rich blue-violet coloring, each with four wide petals and big, contrasting golden anthers. Showy long-bloomer. Pkt. 25c; 3 pkts. for 70c; 10 pkts. for \$2.00.



1 **TUNICA SAXIFRAGA**—\*erx(8)10. A summer-long profusion of little pink flowers. Easy and charming. Pkt. 15c; 1/16 oz. 35c. Plants, each 40c; 3 for \$1.10; 10 for \$3.30. **ROSE DOUBLE**—In this rarer Tunica, the exquisite pink flowers are fully double. Plants, each 55c; 3 for \$1.50.

1 **TURFING DAISY**—kt. It makes close mats of fine foliage, and may be used as a grass substitute in small areas and difficult places. The little white daisies may be clipped off. *Matricaria Tchiatchewi*. Pkt. 20c; 3 pkts. for 50c.

1 **ULEX EUROPAEUS**—bkt(2)35. Gorse or Furze. Handsome border perennial with decorative, dark green "needle" foliage and showy golden flowers. Often re-blooms in autumn. Pkt. 15c; 1/16 oz. 35c.

5 **VACCINIUM CORYMBOSUM**—may(2)72. Giant Cultivated Blueberry. Delicious fruit, also good ornamental shrub. Seeds from named sorts in mixture. Pkt. 20c; 3 pkts. for 50c.

4 **VELTHEIMIA VIRIDIFOLIA**—w. Handsome winter bulb-flower with decorative undulate foliage from which rises, in March, a massive truss of coral-pink, buff-tinged flowers. *Illustrated on back cover*. Pkt. 20c; 1/16 oz. 40c.

1 **VERBASCUM PHOENICEUM HYBRIDS**—\*ebcx(8)25. Hyacinth Mullein. Charming blossoms in slender spikes, cream, appleblossom pink, rose, lavender, violet. Blooms both spring and autumn. *Illustrated page 27*. Pkt. 15c

5 **VIBURNUM CARLESI**—yt .70 inches. The Fragrant Pink Viburnum. Handsome hardy shrub. Orange pink buds open to perfumed pink flowers that gradually fade white. Since each cluster will show both buds and fully opened flowers, the color effect is most pleasing. Slow germinating, but quite sure if you have enough patience to leave seeds undisturbed. Pkt. 20c; 3 pkts. for 55c; 10 pkts. for \$1.65.

1 **VINCA MINOR**—Hardy evergreen trailer that roots at each joint. Excellent ground cover plant for either sun or shade. Good, too, in the rock garden. Free bloom in spring, with scattered flowers through summer and fall. Supplied as small divisions, all that is required. **BOWLE'S BLUE**—Rather large flowers of deep blue. Plants, each 35c; 3 for 85c; 10 for \$2.35; 25 for \$5.00; 100 for \$18.00. **WHITE**—Pretty, snowy white flowers. Plants, each 40c; 3 for \$1.10; **RUBRA**—Flowers semi-double to double, red-violet. Plants, each 40c; 3 for \$1.10; 10 for \$3.10.

\* **VINCA ROSEA MIXED**—ecx(8)18. Periwinkle. Lovely waxen flowers in white, pink, rose. For garden growing, or makes a good pot plant. Pkt. 10c; 1/16 oz. 20c.

## 1 TRADESCANTIA BEAUTY



Spendthrifts of bloom are these colorful hardy perennials, flowering for many weeks, some kinds for months. *Illustrated opposite*. "kt" culture. Fine mixture. Pkt. 15c; 1/16 oz. 30c.

**TRADESCANTIA VARIETIES**—Plants of the better named Tradescantias. **KOBOLD**—6 inches. Tight clumps of pretty rose pink. Each 40c. **SUMMER SNOW**—22 inches. Everblooming snow white. Each 40c. **PAULINE**—22 inches. Delightful rosy mauve. Each 45c. **PUR-**

**PLE DOME**—18 inches. Dome clusters of richest deep purple. Each 45c. **IRIS PRITCHARD**—18 inches. White, suffused azure. Each 45c. **APPLE BLOSSOM**—10 inches. The soft pink of its name. Plants, each 50c. **J. C. WEGUELIN**—18 inches. Ever-blooming sky blue. Each 40c. **AVALON DAWN**—20 inches. Delightful blush suffusion over white. Plants, each 55c. **OFFER 185AN9**—One plant each of the above for \$3.20.

## PERFUMED TUBEROSE

Easy summer-blooming bulbs with richly fragrant blossoms that might have been carved from white wax. Splendid cut flower of simple garden culture. Store the bulbs in dry, frost-proof place in winter. **EARLY MEXICAN**—35 inches. The earliest. Lovely snow-white, single flowers with perfume of orange blossoms. *Illustrated page 1*. 3 for 30c; 10 for 85c. **SPECIOSA**—50 inches. High spikes of sweetly scented, white, single blossoms rise from decorative rosettes of white-edged foliage. 3 for 30c; 10 for 85c; 25 for \$1.90. **DOUBLE PEARL**—30 inches. Flowers fully double, pure white, or rarely with faint blush suffusion. 3 for 35c; 10 for \$1.00; 25 for \$2.25. **TUBEROSE BLEND**—The three kinds in mixture. Splendid source of long-lasting cut flower material. 10 for 80c; 25 for \$1.85; 50 for \$3.50.

\* **VENIDIUM FASTUOSUM**—k(8)20. Monarch Daisy. Double-rowed daisies 4 inches across, melting pastels in cream, primrose, buff, lemon, orange, usually with irregular zoning of brown, blue or black. Everblooming. Foliage sparkling, decorative. Sow early. Pkt. 20c; 3 pkts. for 50c.

**WACHENDORFFIA THYRSIFLORA**—x(w) (3)25. Desirable. South African with panicles of showy russet flowers above bronzed, pleated leaves. An unusual pot plant. Pkt. 20c.

\* **WALLFLOWER DOUBLE EARLY MIXED**—ek. Lovely, fragrant flowers in tones and shades of lemon gold, autumn brown, red and crimson. Pkt. 15c; 1/16 oz. 30c.

**WATSONIA MIXED**—k(w). Bugle Lily. Showy flowers in tall spikes, like bugle-shaped Gladioli. Bright, varied colorings. Pkt. 20c; 1/16 oz. 35c.

1 **XEROPHYLLUM**—atcyt(2-3)50. Great lacy clusters of myriad fragrant ivory stars are carried on stately shafts. Can supply either **TENAX** or **ASPHODELOIDES** at 20c the pkt.

## \* GIANT FLOWERED VERBENA

Continuous color for many months, great trusses of brilliant blossoms. Edging, bedding, ground cover, porch box, pot plant. It cuts. Splendid mixture, salmon pink, rose, vivid red, scarlet, cardinal, white, lavender, varied bright blues. Giant-flowered mixed. Pkt. 15c; 1/16 oz. 30c; 1/8 oz. 50c.

**VERBENA COLORS**—Nothing brighter for all-summer show. **SALMON PINK**—Large trusses of salmon pink. Pkt. 15c. **PURE WHITE**—For contrast and foil. Pkt. 15c. **ROYAL BLUE**—Intense blue. Pkt. 15c. **VIVID RED**—A brilliant tone. Pkt. 15c. **OFFER 186A9**—One pkt. each of the 4 for 50c.

**VERBENA ROYAL BOUQUET**—Fine color strain, selected for cutting, the plants growing in erect habit to 16 or 18 inches, giving longer stems. Pkt 15c; 1/16 oz. 30c.

**SPECIES VERBENAS**—All will bloom first year. **TOBATY**—Everblooming. Flat clusters of soft blue top yard-high stems. *Illustrated page 4*. Pkt. 25c. **BIPINNATIFIDA**—15 inches. Clustered blossoms of blue-lavender, June to November. Ferny, feathery foliage. Good, no matter what the weather. A reasonably hardy perennial, but so quick that it is usually grown as an Annual. *Illustrated opposite*. Pkt. 20c; 3 pkts. for 50c. **VENOSA TYPICA**—10 inches. Compact, purple clusters. Pkt. 15c. **VENOSA LILACINA**—A pretty lilac lavender. Pkt. 15c. **OFFER 187A9**—One pkt. each of the 4 for 60c.



## 1 BLUE OF VERONICA

Desirable, deserving, rock garden and border perennials. "x" culture. **AUSTRIACA**—8 inches. Sprays of bright blue flowers. Graceful fern-foliage. Plants, each 40c; 3 for \$1.10. **ARMENA**—5 inches. Big individual flowers of bright ultramarine. Neat habit. No better rock garden perennial. Plants, each 50c; 3 for \$1.40; 10 for \$4.25. **LATIFOLIA**—25 inches. Good border species, long in bloom, with indigo flower spikes. Pkt. 15c; 1/32 oz. 25c. Plants, each 40c. **PEDUNCULARIS**—10 inches. Airy mounds. White flowers, veined lilac. Plants, each 45c; 3 for \$1.25. **BLUE SPIRE**—20 inches. Dense, heavy spikes of rich, dark blue. Plants, each 55c. **INCANA**—15 inches. Silvery mats, blue spikes above. Rock garden or edging. Pkt. 20c. Plants, each 45c; 3 for \$1.25. **INCANA ROSEA**—Like last, but with rosy flower spikes. Plants, each 50c; 3 for \$1.40. **MARITIMA**—20 inches. Showy border plants with fluffy spikes, lilac to purple. Pkt. 15c. **SPICATA CORYMBOSA**—9 inches. Dense foliage pancakes, set with many slender spikes in mid-blue. Good, Pkt. 20c. Plants, each 40c; 3 for \$1.10; 10 for \$3.60. **SPICATA ALBA**—15 inches. Branching spikes of pretty white flowers. Plants, each 45c. **SPICATA ROSEA**—Diffuse spikes of rose-colored flowers. Plants, each 45c; 3 for \$1.10. **REPENS**—2 inches. Creeping, almost moss-like species with pale blue flowers. Rock garden. Pkt. 20c. Plants, each 45c. **FLEXUOSA**—5 inches. Dwarf mat-former in vivid blue. Plants, each 45c. **SPECIOSISSIMA**—14 inches. Beautiful and free-blooming. Masses of deep blue blossoms in rich, overflowing effect. Name is horticultural. Plants, each 50c; 3 for \$1.40. **RUPESTRIS ROSEA**—5 inches. Thick mats that become, in spring, solid plaques of mauve-rose flowering. Plants, each 50c; 3 for \$1.25. **HOLOPHYLLA LITTORALIS**—12 inches. Splendid garden species with shining foliage and fat, upright spikes of rather large flowers in deep, vivid indigo. Pkt. 20c; 1/16 oz. 40c. Plants, each 55c. **OFFER 188AN9**—One plant each of those so offered, for \$6.00.



**2 WELDENIA CANDIDA**—Of great rarity and much beauty, this alpine of Mexican mountains is worthy every care and attention. From rosettes of narrow, glossy, succulent leaves rise for months a succession of 3-petaled flowers in purest white. Perhaps safest as a pot plant, being none too hardy outside. 4 seeds for 25c; 20 for \$1.00.

## THE GAY VIOLAS

**1 PANSY VIOLETS**—The Violas of the catalogs, in Pansy resemblance, but plants with increased perennial tendencies. Pretty much everblooming.



**LUTEA**—Usually clear lemon yellow, or rarely with darker markings. Pkt. 20c; 3 pkts. for 55c. **ARKWRIGHT RUBY**—Ruby crimson, shaded terra cotta. Pkt. 25c; 3 pkts. for 70c. **AVANLANCHE**—Big flowers of snowy white. Pkt. 25c; 3 pkts. for 70c. **YELLOW PERFECTION**—Fine, large-flowered yellow. Pkt. 25c; 3 pkts. for 70c. **ADMIRATION**—A hardy free-bloomer with medium size flowers of rich blue-violet. Pkt. 20c; 3 pkts. for 55c. **APRICOT**—Apricot and orange. Pkt. 25c; 3 pkts. for 70c. **FLORAIRENSE**—Definitely everblooming, big Pansy-like flowers of lilac-lavender. Pkt. 20c; 3 pkts.

for 55c. **CALCARATA**—Rare alpine species making wide cushion-mats, set almost year around with flowers of pencilled royal blue, but purple, pink-lilac and cream forms sometimes appear. Pkt. 30c; 3 pkts. for 85c. **CORNUTA HYBRIDA**—The Horned or Tufted Pansy in blend of many attractive colorings. Makes a pleasingly bright, fairly permanent showing. *Illustrated above.* Pkt. 20c;  $\frac{1}{16}$  oz. 40c;  $\frac{1}{8}$  oz. 75c. **OFFER 189A9**—One pkt. each of the above for \$1.75.

**1 VIOLA JERSEY GEM**—Exceedingly floriferous and hardy variety with scented flowers in rich blue violet. Each 45c; 3 for \$1.25.

**\* THE IMP VIOLETS**—Quaint flowers like Pyxie Pansies. Some call them Johnny-jump-ups. **BLACK IMP**—Viola nigra. Blossoms that might have been snipped from black velvet. Pkt. 20c;  $\frac{1}{16}$  oz. 30c. **CLIFF IMP**—Viola saxatilis selections. Diminutive Pansy charm. Flowers show tones of lemon, lavender, rosy mauve, lilac, honey-gold, violet. Floriferous, bright, long in bloom. Pkt. 20c;  $\frac{1}{16}$  oz. 35c.

**1 BUTTERFLY VIOLETS**—Long lived perennials with flowers in the usual wild-violet form, "kt" culture. **ODORATA SEMPERFLORENS**—The long-blooming, fragrant English Violet. Rich blue. Pkt. 20c. Plants, each 50c; 3 for \$1.40; 10 for \$4.30. **PRICEANA**—Confederate Violet. White, with purple center radiations. Pkt. 20c. Plants each 40c; 3 for \$1.10. **PALMATA**—Fine blue-purple flowers over palmate foliage. Pkt. 20c. **CANADENSIS**—Flowers white, with touch of yellow and sometimes of a faint purple suffusion. Pkt. 20c; Plants, each 40c; 3 for \$1.10; 10 for \$3.35. **PATRINI**—Chinese Violet. Large lavender flowers. Good. Pkt. 15c;  $\frac{1}{16}$  oz. 30c. Plants, each 40c; 3 for \$1.10. **SYLVESTRIS ROSEA**—Long bloom in bright rose. Shade or sun. Eventually makes big clumps. Plants, each 50c. **PEDATA**—Birdfoot Violet. Handsome flowers, either all blue, or blue-and-purple. Pkt. 25c; **PEDATA BICOLOR**—Big, showy flowers, pale blue above, rich purple below. Plants, single crown, each 40c; 3 for \$1.10; 10 for \$3.35.

## 1 THE YUCCA LILIES

Hardy ornamentals of exotic appearance. **GLAUCA**—Narrow, sharp leaves like blue-dusted bayonets. Will make an impenetrable hedge. Early. Creamy flowers, shaded rose and green. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. **CONCAVA**—Spoon-shaped leaves. High, decorative white blossoms. Pkt. 15c. **FLACCIDA**—Thread hung leaf-swords. High flowers like inverted water-lilies in creamy wax. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. **GLORIOSA**—Mound Lily. Immense panicle of bell-flowers, waxy white with rosy hint. Blooms either spring or fall. Slowly grows a short, tree-like trunk. *Illustrated back cover.* Pkt. 15c;  $\frac{1}{8}$  oz. 35c. **BACCATA**—Datil. Rough leaves and creamy flowers. Thick, edible fruits of rich date flavor. Pkt. 15c. **OFFER 191A9**—One pkt. each of above for 65c. **YUCCA BLEND**—Above, with others. Pkt. 15c;  $\frac{1}{8}$  oz. 30c;  $\frac{1}{4}$  oz. 50c.

**2 WELWITSCHIA MIRABILIS**—w. Perhaps the world's most curious plant. Classed as a tree, the oldest specimens known have a woody trunk that rises little over a foot above the surface, but that measures several feet in circumference. The leaves, long, wide and tapering are but two, and last the full life of the plant, which is said to be 100 years or more. For mild, dry climates, or in the North, under glass. Large, winged seeds, each 25c; 5 for \$1.00.

## 3 ZEPHYRANTHES or FAIRY LILY

The Zephyr Lilies are garden-easy. In autumn, dig, then store in a frost-proof place. **AJAX**—Usually lemon primrose, but sometimes creamy. Pkt. 15c. Bulbs, spring, 3 for 40c; 8 for \$1.00. **AJAX WHITE SELECTIONS**—White to cream, often with blush suffusion. Bulbs, spring, 3 for 35c; 10 for \$1.00; 25 for \$2.25. **CARINATA**—Big flowers in glorious rosy pink from June to October. *Habranthus grandiflorus.* *Illustrated page 1.* Bulbs, spring, 3 for 40c; 9 for \$1.00. **CANDIDA**—The glossily white *Crocus Lily.* *Illustrated page 2.* Bulbs, spring, 3 for 35c; 10 for \$1.00. **CITRINA**—Deep lemon, with rosy suffusions and coppery shadings. Bulbs, each 20c. **ROBUSTA**—Big trumpets of soft pink from June to Autumn. *Habranthus robustus.* Bulbs, 3 for 50c. **FAIRY LILIES MIXED**—Bulbs of the above, along with those of the related *Chlidanthus*, *Cooperia* and of others in the Fairy Lily group. 10 for \$1.00; 25 for \$2.25.

## \* THE GORGEOUS ZINNIAS

Give them full sun and warm soil. They cut. **FANTASY BLEND**—30 inches. Shaggy petals, twisted, interlaced. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. **GIANT DAHLIA-FLOWERED MIXED**—Big, deep blossoms, often 5 inches across. Full color range. Pkt. 15c;  $\frac{1}{8}$  oz. 35c. **CALIFORNIA GIANT MIXED**—Wide, thin blossoms of loosely overlapping petals to six-inch diameters. Inclusively brilliant color range. Pkt. 15c;  $\frac{1}{8}$  oz. 35c. **GIANT MISS WILMOTT**—Delightful soft pink. Pkt. 15c. **GIANT DAFFODIL**—Clear canary yellow. Pkt. 15c. **GIANT PURITY**—Snowy white. Pkt. 15c. **LILLIPUT MIXED**—18 inches. Exquisite pompons in full color range. Pkt. 10c;  $\frac{1}{8}$  oz. 25c. **LILLIPUT SALMON ROSE**—Delightful miniature for cut flower arrangements. Pkt. 15c. **RED RIDINGHOOD**—16 inches. Intensely double miniature in fire red. Pkt. 15c. **ANGUSTIFOLIA**—15 inches. Mexican miniature. Starry double flowers in unusual color application; autumn brown, sulphur, orange, blood red, maroon. Pkt. 15c;  $\frac{1}{8}$  oz. 30c. **OFFER 192A9**—One pkt. each of above for \$1.25.

## STRAWBERRIES FROM SEED

Here are Runnerless, Everbearing Strawberries, no runners to cut away, and fruits continually ripening from spring into late autumn. Since they make no runners, they must be grown from seed. Seeds sown in earliest spring, while soil is cool, usually give bearing plants by mid-August. The fruits are of medium size, smaller than in standard Strawberries, but of delicious flavor and decorative appearance, the fruiting plants ornamental enough for edging or even a rock garden. Seeds fine; culture "kt." Variety Harzland. Pkt. 25c;  $\frac{1}{16}$  oz. 60c;  $\frac{1}{8}$  oz. \$1.00.

## NEW SWEET PEPPER



**AVALON SWEET BUTTON**—A miniature Pepper of even, smooth, form, somewhat button shaped, about 2 inches wide by one inch through, but in very rich soils may grow a bit larger. The glossy red fruits are exceedingly uniform, with meat thicker than in any other Pepper we have grown or seen; skin thick and tender; flavor and eating quality sweet, juicy, crisp, delicious. Wonderful for salads or for pickling or canning whole. *Illustrated opposite.* Our highest recommendation for either home garden use, or for commercial canning. Pkt. 20c;  $\frac{1}{4}$  oz. 50c.

**CYCLOPEDIA OF HORTICULTURE**—Bailey. The most extensive (and desirable) of accurate, interesting horticultural reference works. Three big, well-illustrated volumes, 3637 pages altogether. Per set, \$37.50.





## WILD FLOWER BLENDS

Most wild flowers, not all, grow from seed with fair readiness, not differing from other flowers in this respect, for of course all flowers are wild flowers somewhere on the earth. The Wild Flower Blends will contain most of kinds named below, but not necessarily all, since this catalog goes to press before we know definitely which will be available.

**WILD FLOWERS FOR SUN**—At least one hundred different and delightful wild flowers are in this mixture. Windflowers, Lychnis, certain Gentians, Monarda, Gay Feather, Buttercup, Shooting Star, Datura, Golden and Purple Asters, Petalostemon, False Indigo, Cassia, Lepachys, Black-eyed Susan, Sundrop, Lilies, Camassia, Bellflower, Penstemon, Flowering Cactus, Centaurea maculosa, Saponaria, Yucca, Wild Rose, Dove Mullein, Tradescantia, several Violets, etc. Long bloom here. Suggest use in old fields, or along roadsides. Culture "x".  $\frac{1}{16}$  oz. 20c;  $\frac{1}{8}$  oz. 35c;  $\frac{1}{4}$  oz. 60c; 1 oz. \$1.75;  $\frac{1}{4}$  lb. \$6.25; 1 lb. \$24.00.

**WILD FLOWERS FOR SHADE**—Woodland wild flowers bloom mostly in spring, a few kinds later. Trillium, Anemone, Wild Geranium, Violets, Jack-in-the-Pulpit, Claytonia, Hepatica, Winter-green, Smilacina, Erythronium, Bearberry, Polemonium, Bloodroot, Wild Bergamot, Mertensia, Wild Sweet William and the like. "yt" culture.  $\frac{1}{16}$  oz. 30c;  $\frac{1}{8}$  oz. 50c;  $\frac{1}{4}$  oz. 90c; 1 oz. \$3.25.

**WILD FLOWERS FOR DAMP SOIL**—Made up for moist meadows, streamsides, marsh borders. Sabatia, Rhexia, Lythrum, red and blue Lobelia, Sisyrinchium, Mimulus, Asclepias, Meadow Lilies, Meadow Iris, Sida, Pink Mallow, certain Gentians, Sarracenia, with others. "kt" culture.  $\frac{1}{16}$  oz. 30c;  $\frac{1}{8}$  oz. 50c;  $\frac{1}{4}$  oz. 90c; 1 oz. \$3.25.

## THE FLOWER BROADCAST

For great color spreads in field or border, on hillside or waste-land. A blend of vigorous, easily naturalized kinds, both annual and perennial, that may be broadcast right where effect is desired. Even with minimum soil preparation, there will likely be some fair showing, but the more you can do toward fining the soil, whether by plow, harrow, fork or hand-rake, the better will be the results. In any case, scratch the seed in, then firm with roller, tamp or just by tramping. Species in this blend are not wild flowers in usual sense, but any kinds of gay color that will establish readily, and then spread through own self-sowing.  $\frac{1}{8}$  oz. 25c;  $\frac{1}{4}$  oz. 40c;  $\frac{1}{2}$  oz. 70c; 1 oz. \$1.25;  $\frac{1}{4}$  lb. \$4.30; 1 lb. \$16.00; 5 lbs. \$75.00.

